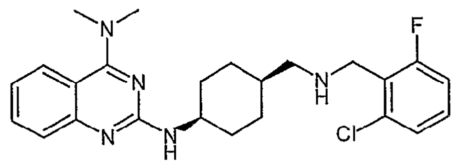
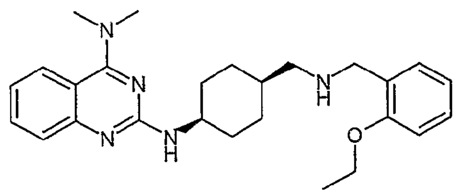
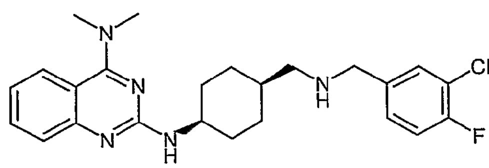
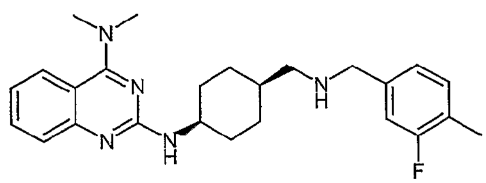
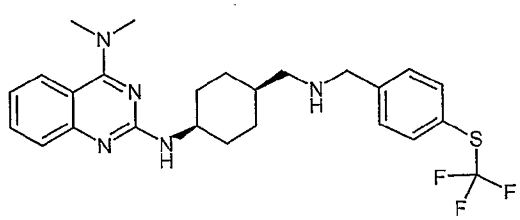
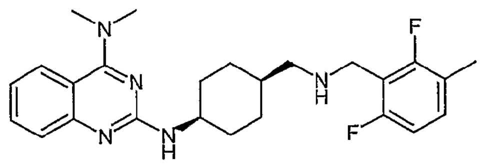
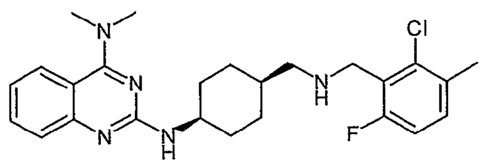
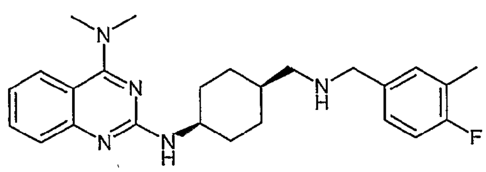
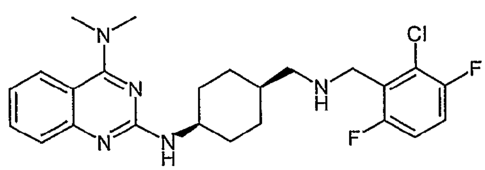
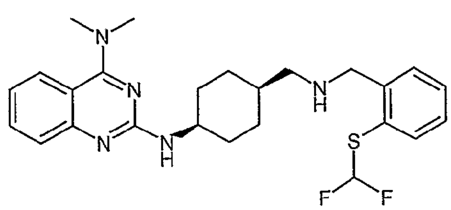
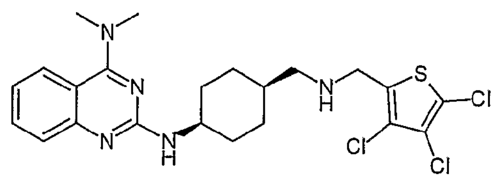
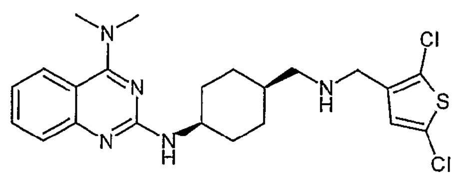
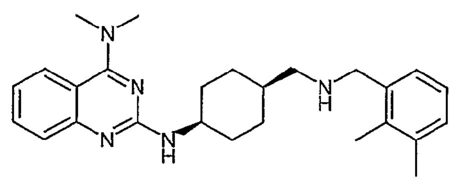
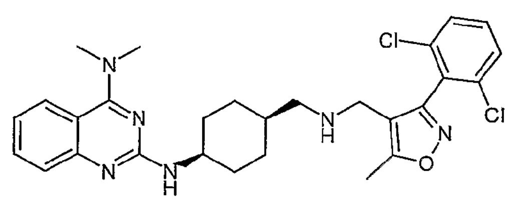
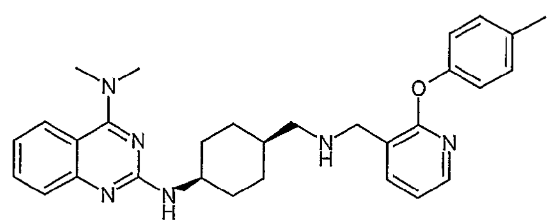
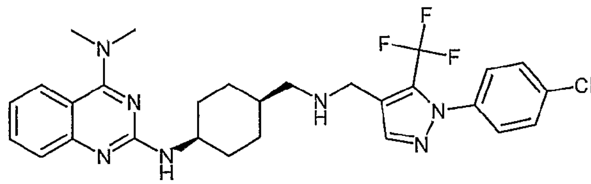
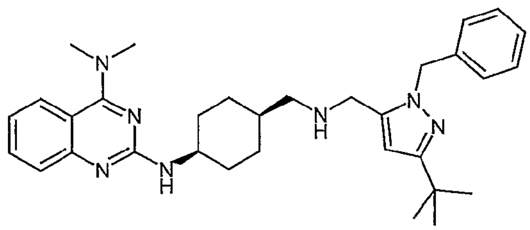
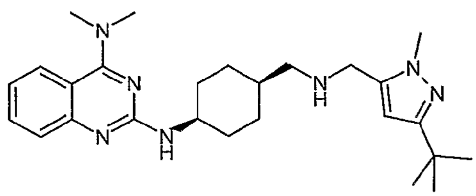
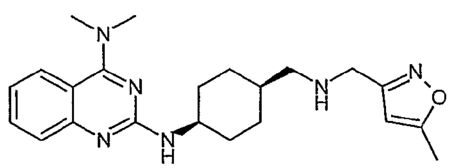
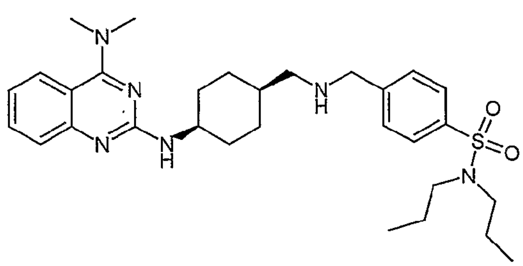
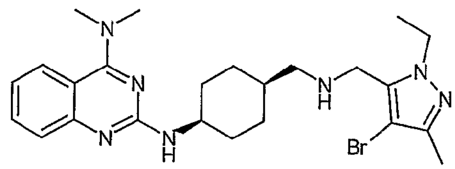
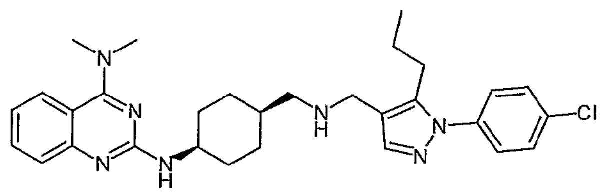
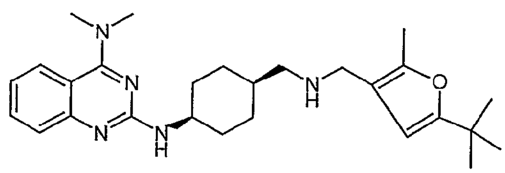
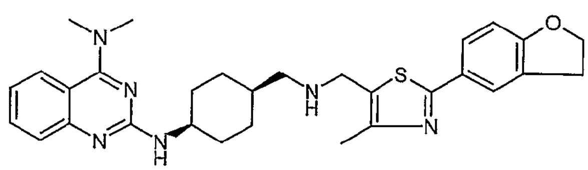
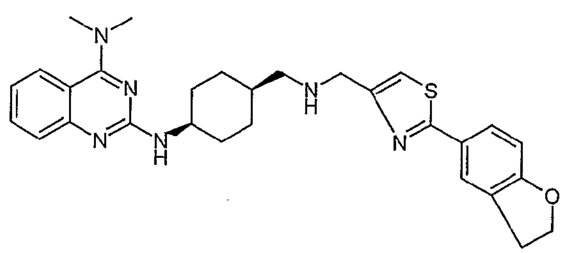
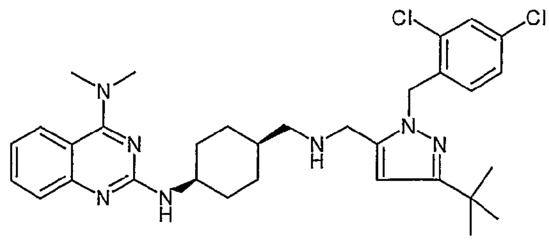
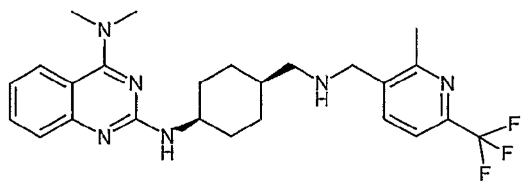
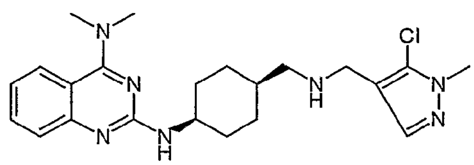
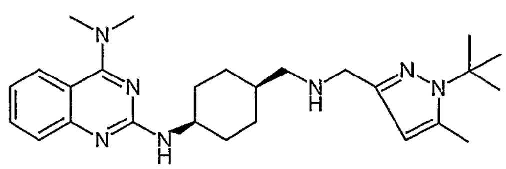
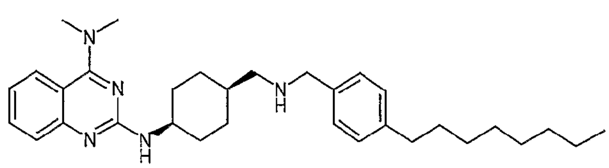
Example No.	Structure	APCI-MS
1297		442 (M + H)
1298		434 (M + H)
1299		442 (M + H)
1300		422 (M + H)
1301		490 (M + H)

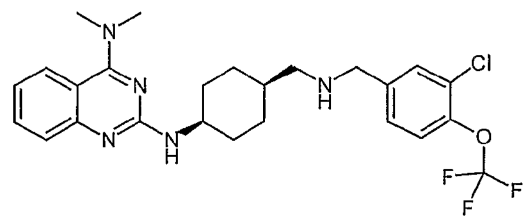
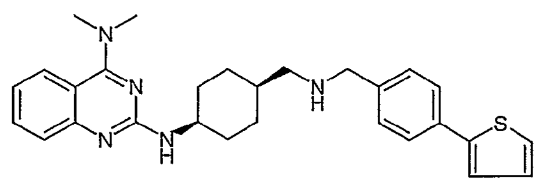
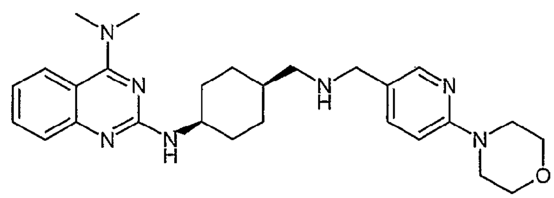
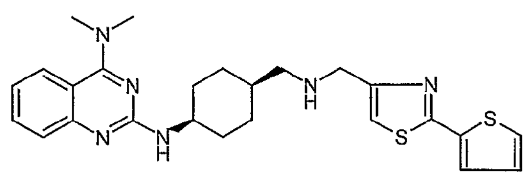
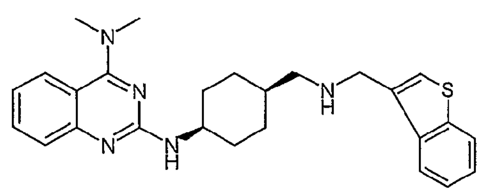
Example No.	Structure	APCI-MS
1302		440 (M + H)
1303		456 (M + H)
1304		422 (M + H)
1305		460 (M + H)
1306		472 (M + H)

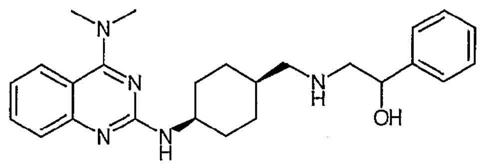
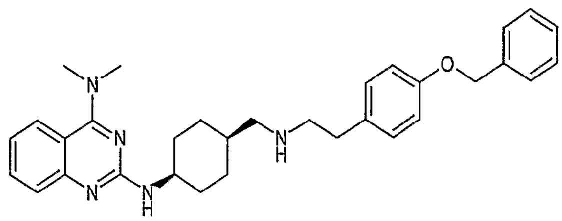
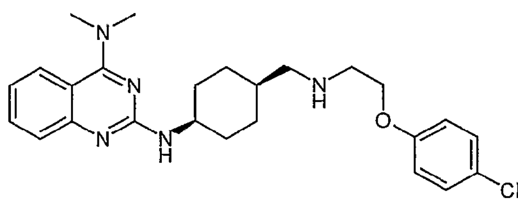
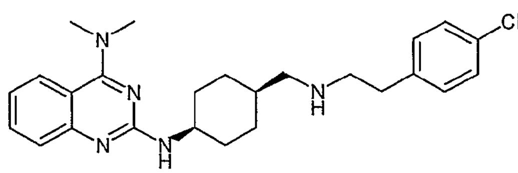
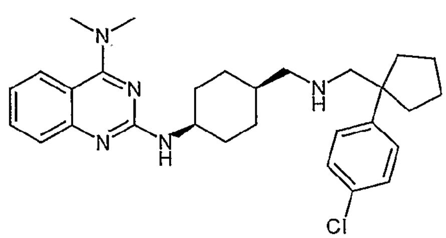
Example No.	Structure	APCI-MS
1307		498 (M + H)
1308		464 (M + H)
1309		418 (M + H)
1310		539 (M + H)
1311		497 (M + H)

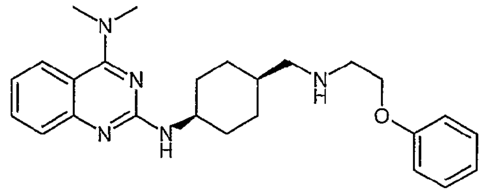
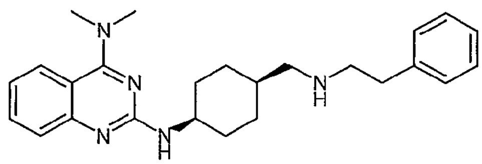
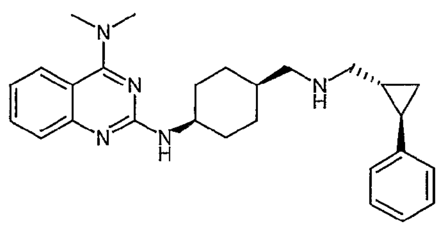
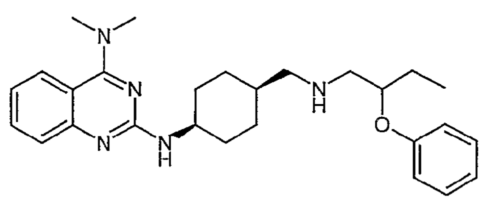
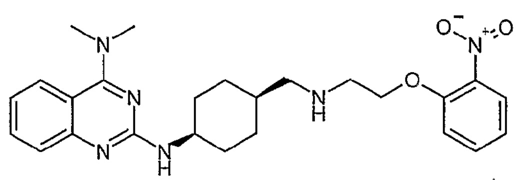
Example No.	Structure	APCI-MS
1312		558 (M + H)
1313		526 (M + H)
1314		450 (M + H)
1315		395 (M + H)
1316		553 (M + H)

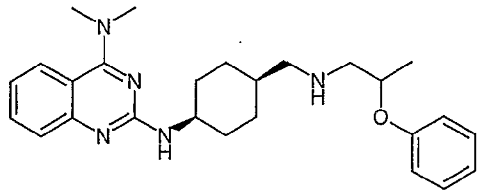
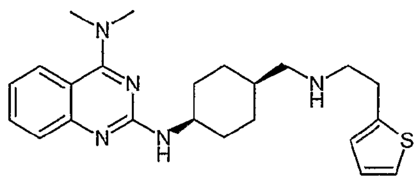
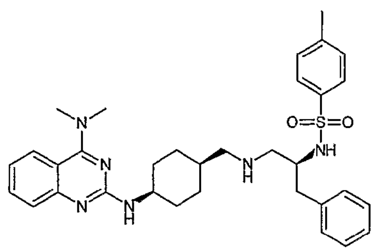
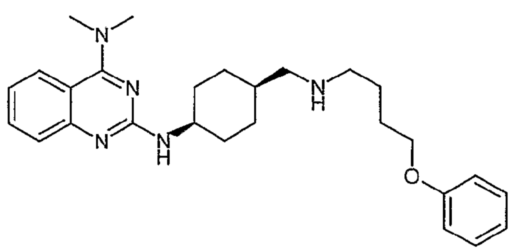
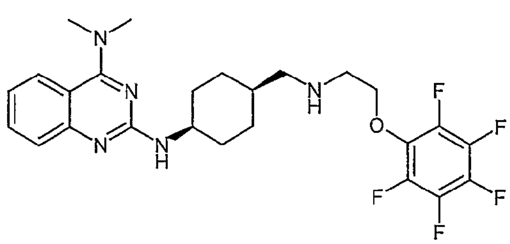
Example No.	Structure	APCI-MS
1317		500 (M + H)
1318		532 (M + H)
1319		450 (M + H)
1320		529 (M + H)
1321		515 (M + H)

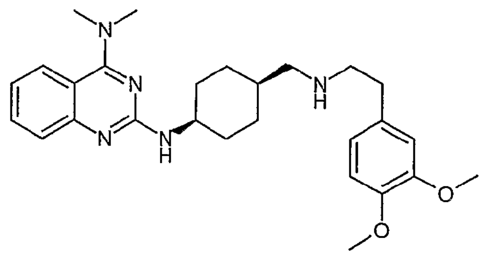
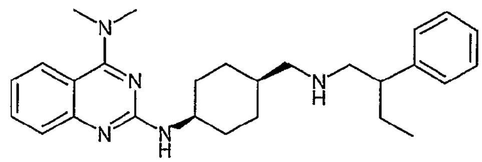
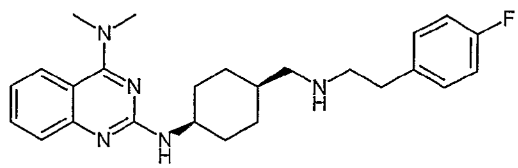
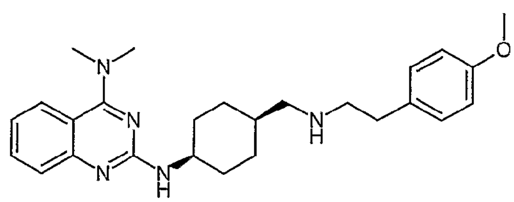
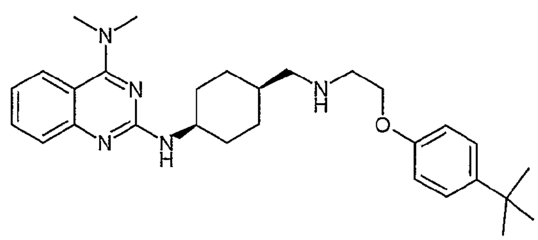
Example No.	Structure	APCI-MS
1322		594 (M + H)
1323		473 (M + H)
1324		428 (M + H)
1325		450 (M + H)
1326		502 (M + H)

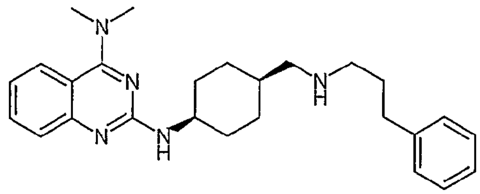
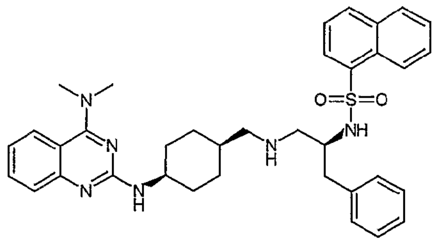
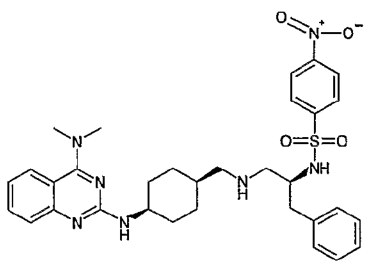
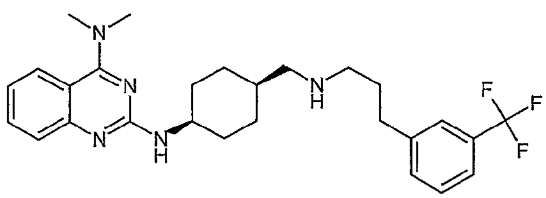
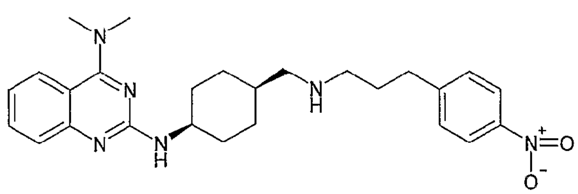
Example No.	Structure	APCI-MS
1327		508 (M + H)
1328		472 (M + H)
1329		476 (M + H)
1330		479 (M + H)
1331		446 (M + H)

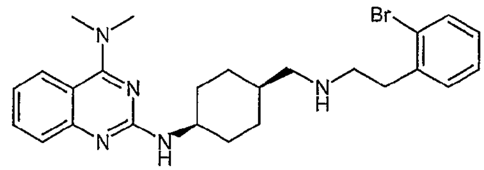
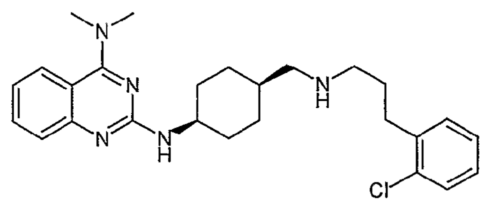
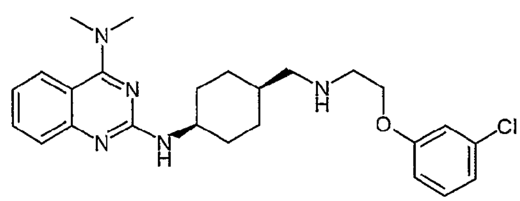
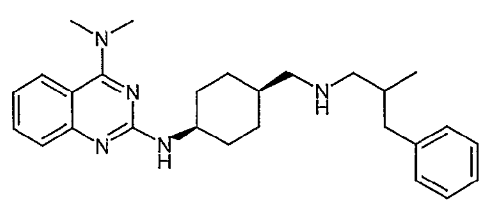
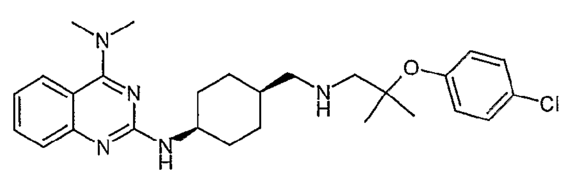
Example No.	Structure	APCI-MS
1332		420 (M + H)
1333		510 (M + H)
1334		454 (M + H)
1335		438 (M + H)
1336		492 (M + H)

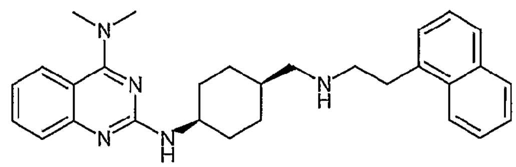
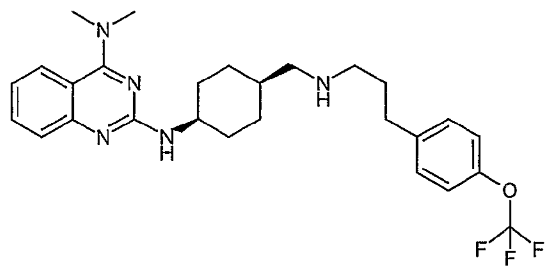
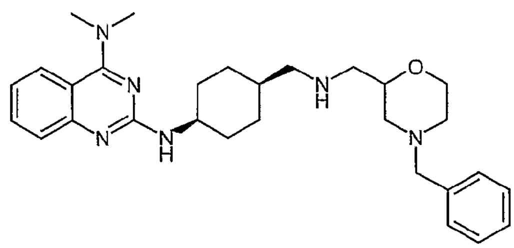
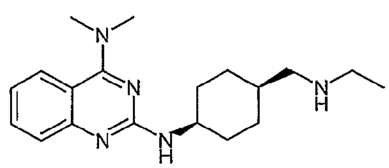
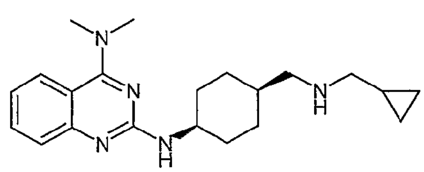
Example No.	Structure	APCI-MS
1337		420 (M + H)
1338		404 (M + H)
1339		430 (M + H)
1340		448 (M + H)
1341		465 (M + H)

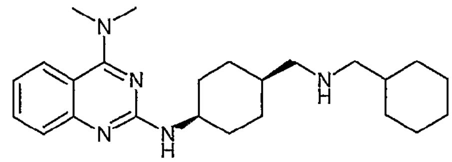
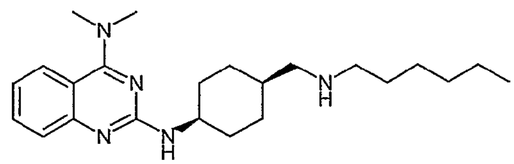
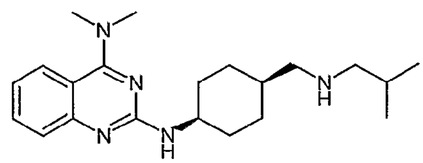
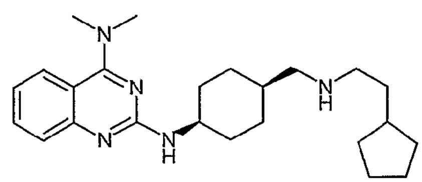
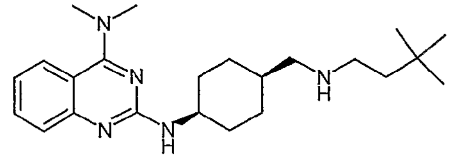
Example No.	Structure	APCI-MS
1342		434 (M + H)
1343		410 (M + H)
1344		587 (M + H)
1345		448 (M + H)
1346		510 (M + H)

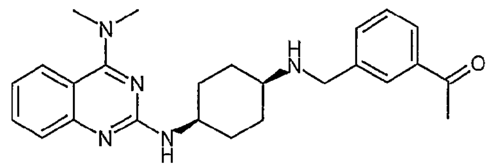
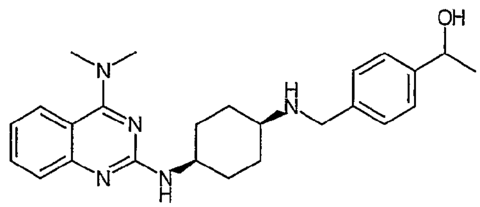
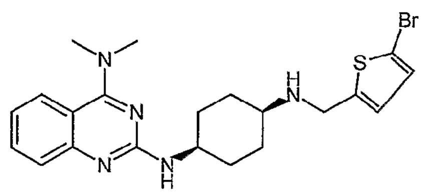
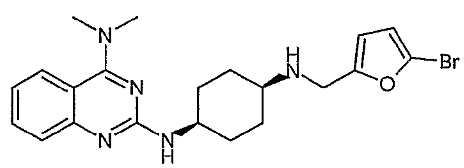
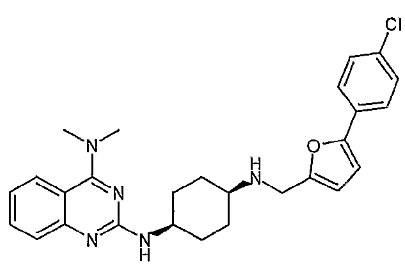
Example No.	Structure	APCI-MS
1347		464 (M + H)
1348		432 (M + H)
1349		422 (M + H)
1350		434 (M + H)
1351		476 (M + H)

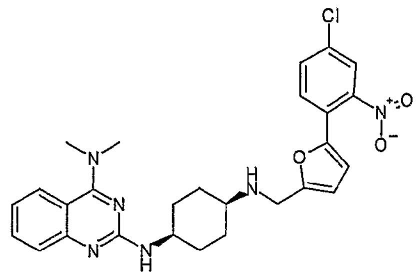
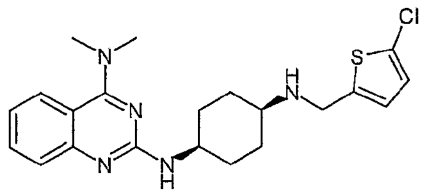
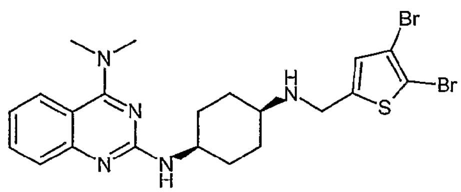
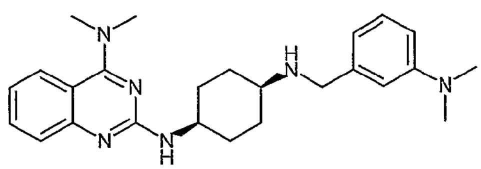
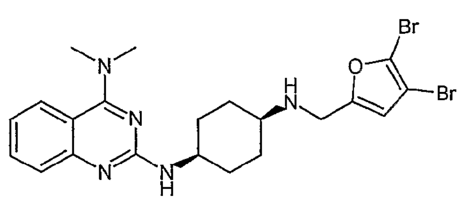
Example No.	Structure	APCI-MS
1352		418 (M + H)
1353		623 (M + H)
1354		618 (M + H)
1355		486 (M + H)
1356		463 (M + H)

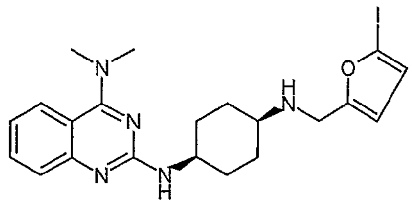
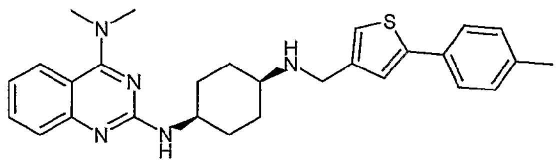
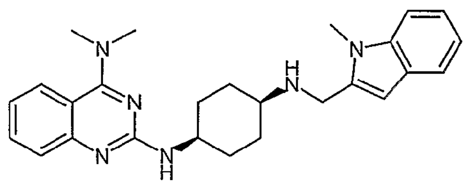
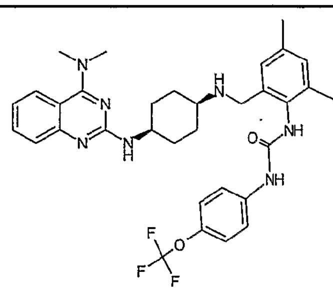
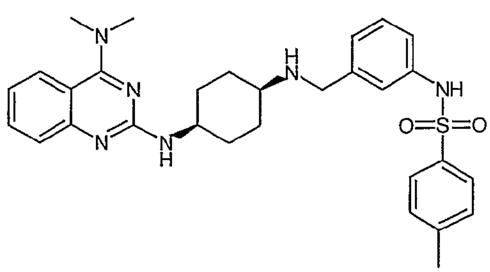
Example No.	Structure	APCI-MS
1357		482 (M + H)
1358		452 (M + H)
1359		454 (M + H)
1360		432 (M + H)
1361		482 (M + H)

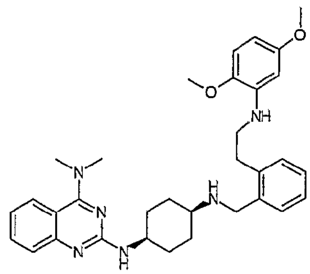
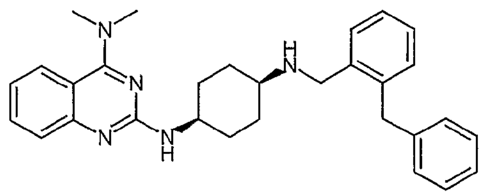
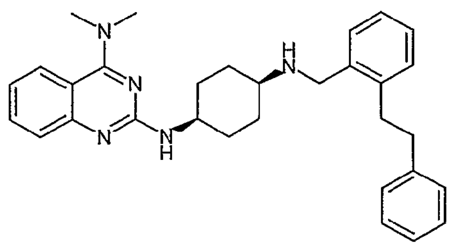
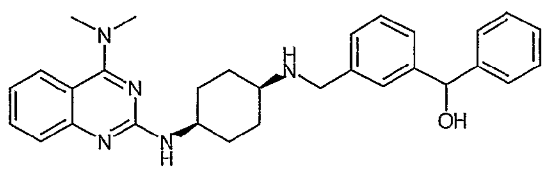
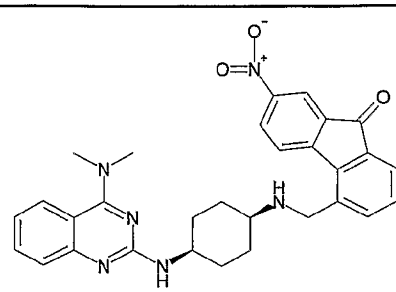
Example No.	Structure	APCI-MS
1362		454 (M + H)
1363		502 (M + H)
1364		489 (M + H)
1365		328 (M + H)
1366		354 (M + H)

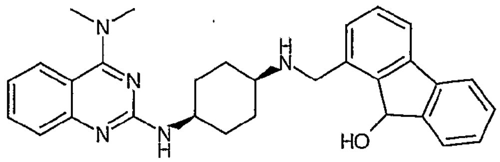
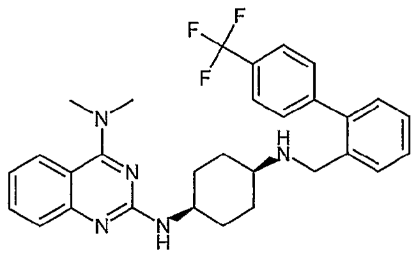
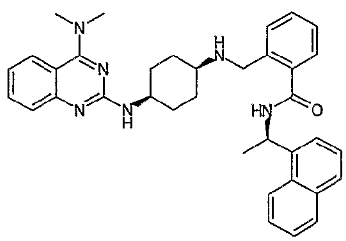
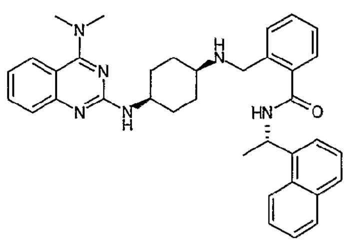
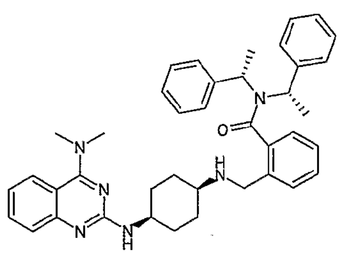
Example No.	Structure	APCI-MS
1367		396 (M + H)
1368		384 (M + H)
1369		356 (M + H)
1370		396 (M + H)
1371		384 (M + H)

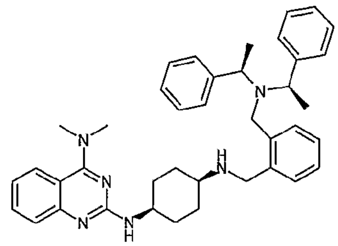
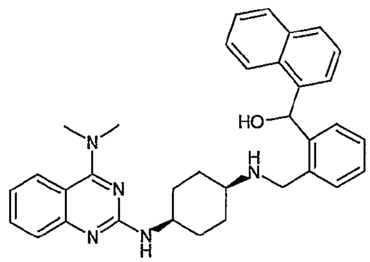
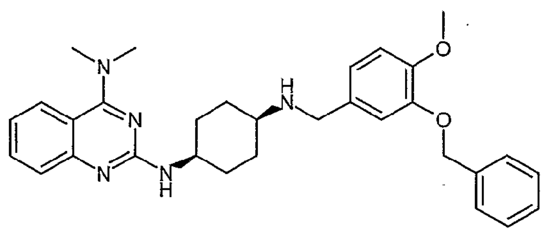
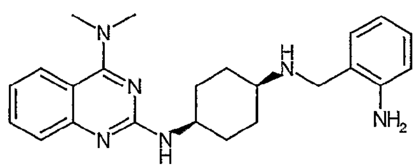
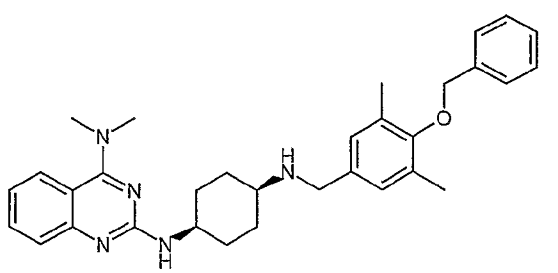
Example No.	Structure	APCI-MS
1372		418 (M + H)
1373		420 (M + H)
1374		460 (M + H)
1375		444 (M + H)
1376		476 (M + H)

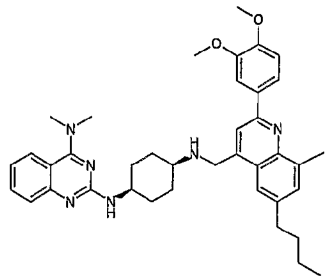
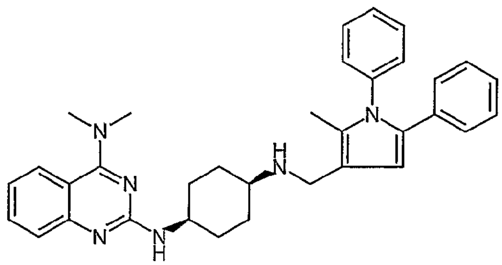
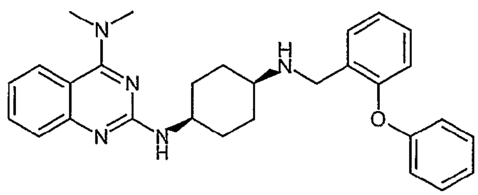
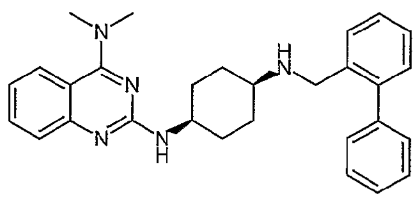
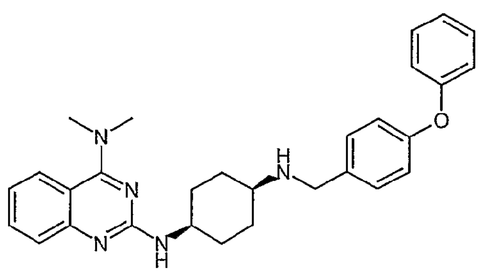
Example No.	Structure	APCI-MS
1377		521 (M + H)
1378		416 (M + H)
1379		538 (M + H)
1380		419 (M + H)
1381		522 (M + H)

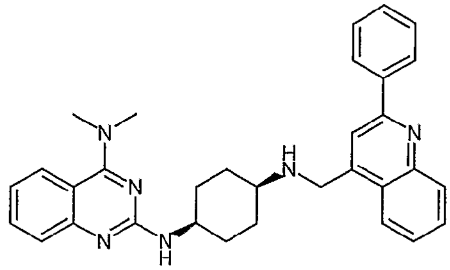
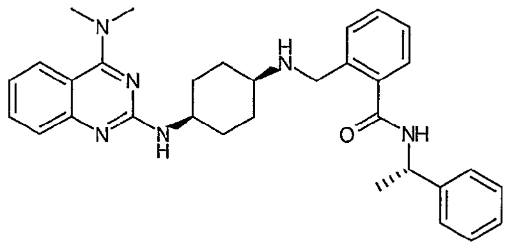
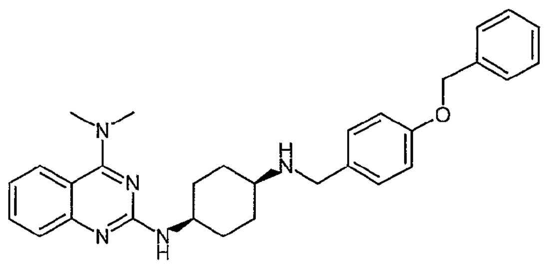
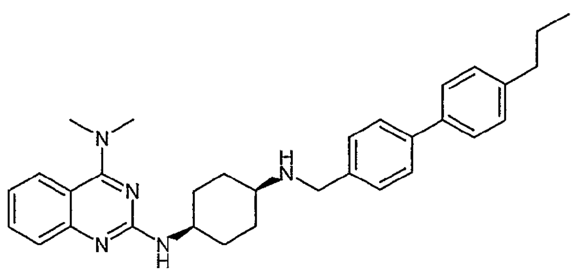
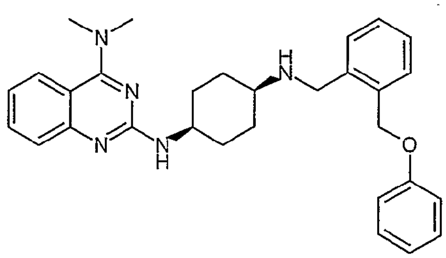
Example No.	Structure	APCI-MS
1382		492 (M + H)
1383		472 (M + H)
1384		429 (M + H)
1385		622 (M + H)
1386		545 (M + H)

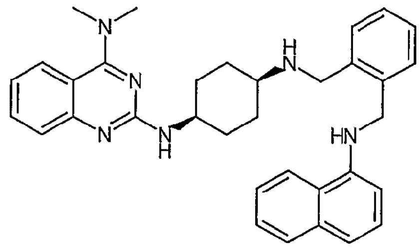
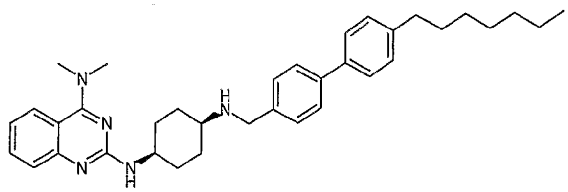
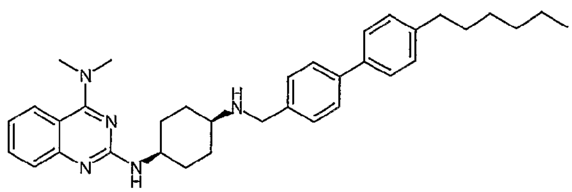
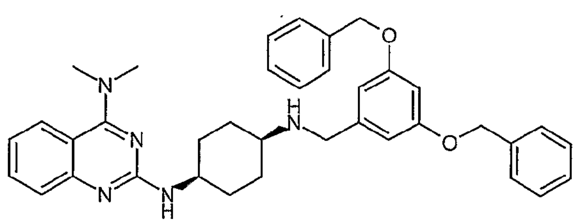
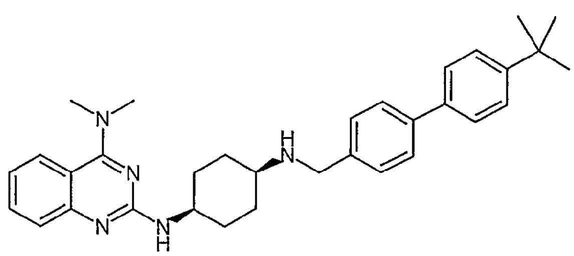
Example No.	Structure	APCI-MS
1387		555 (M + H)
1388		466 (M + H)
1389		480 (M + H)
1390		482 (M + H)
1391		523 (M + H)

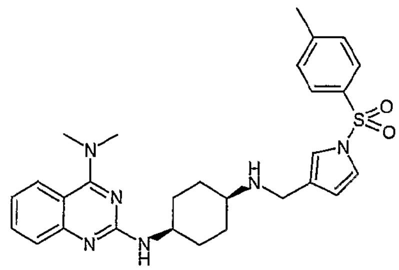
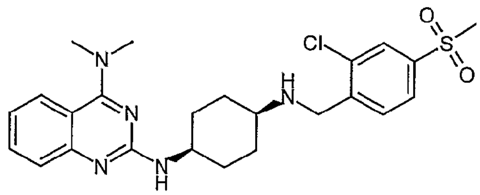
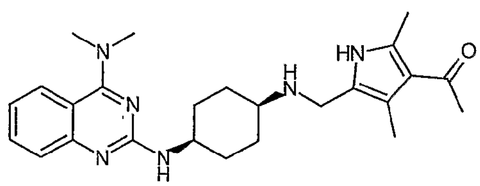
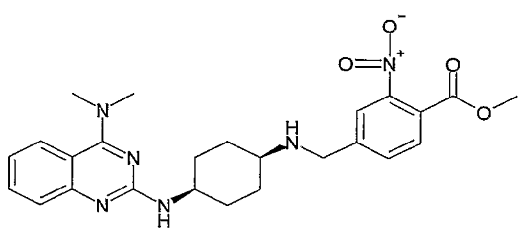
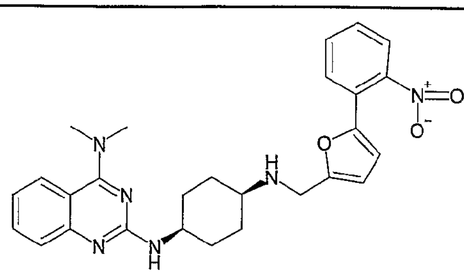
Example No.	Structure	APCI-MS
1392		480 (M + H)
1393		520 (M + H)
1394		573 (M + H)
1395		573 (M + H)
1396		627 (M + H)

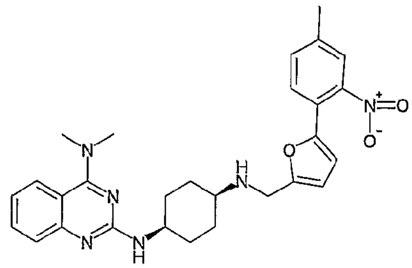
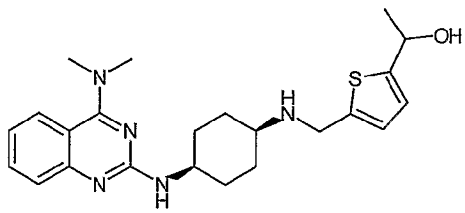
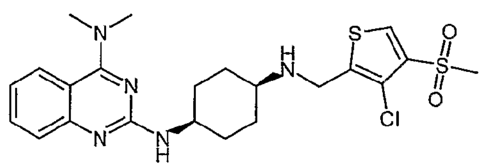
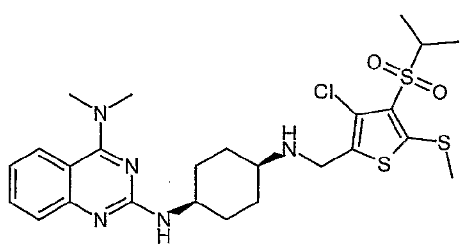
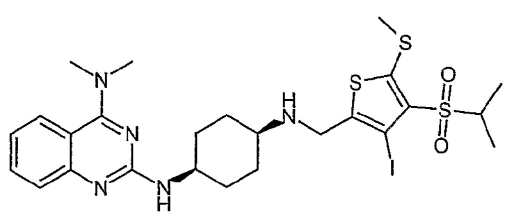
Example No.	Structure	APCI-MS
1397		613 (M + H)
1398		532 (M + H)
1399		512 (M + H)
1400		391 (M + H)
1401		510 (M + H)

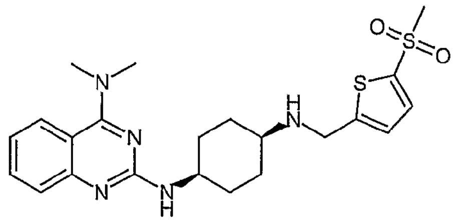
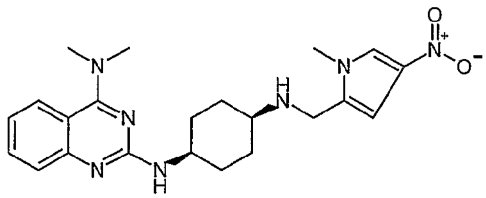
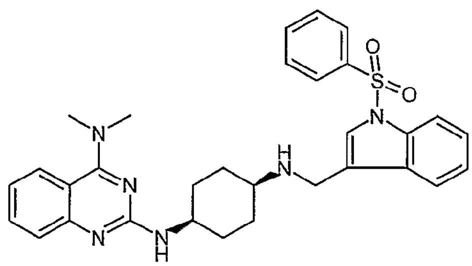
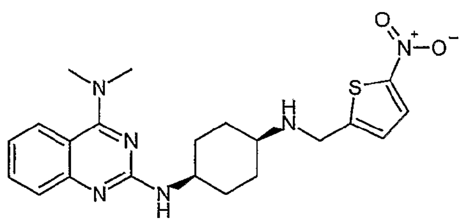
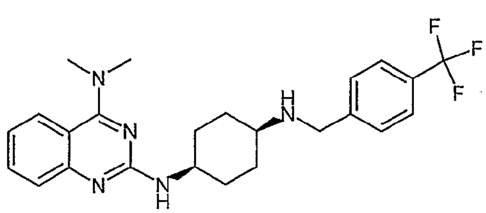
Example No.	Structure	APCI-MS
1402		633 (M + H)
1403		531 (M + H)
1404		468 (M + H)
1405		452 (M + H)
1406		468 (M + H)

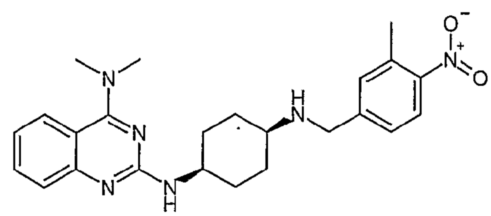
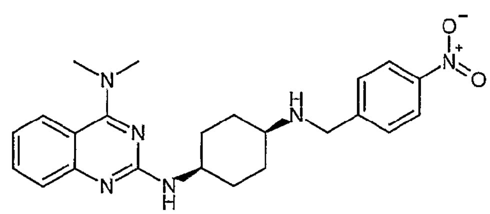
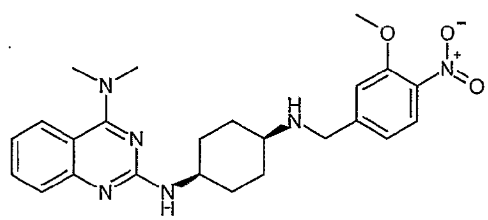
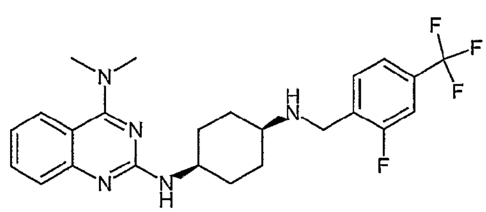
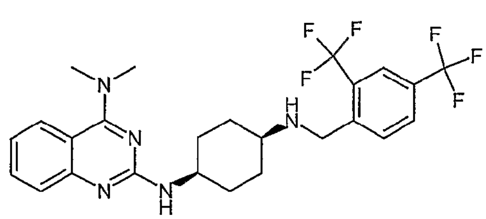
Example No.	Structure	APCI-MS
1407		503 (M + H)
1408		523 (M + H)
1409		482 (M + H)
1410		494 (M + H)
1411		482 (M + H)

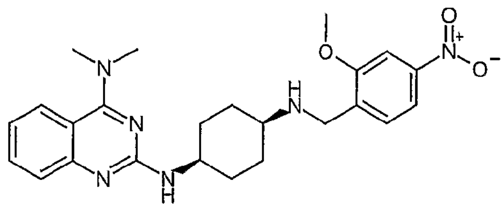
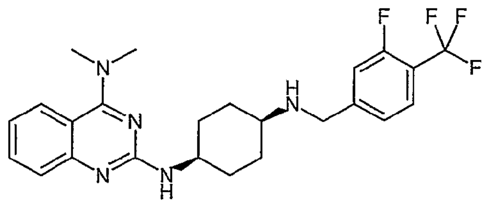
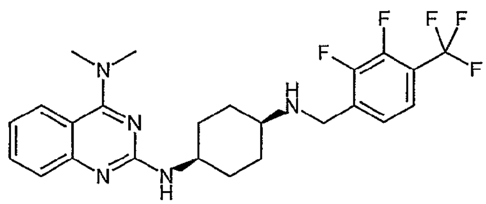
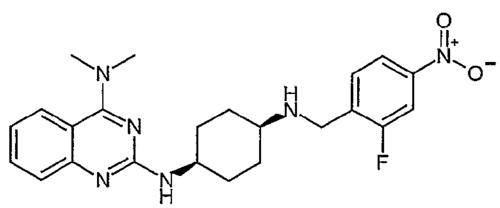
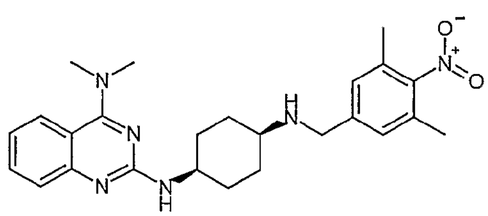
Example No.	Structure	APCI-MS
1412		531 (M + H)
1413		550 (M + H)
1414		536 (M + H)
1415		588 (M + H)
1416		508 (M + H)

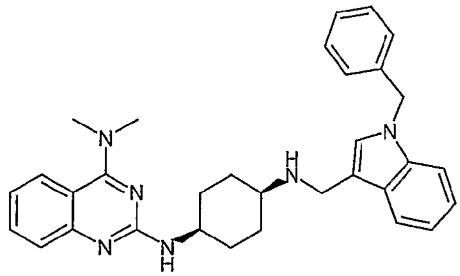
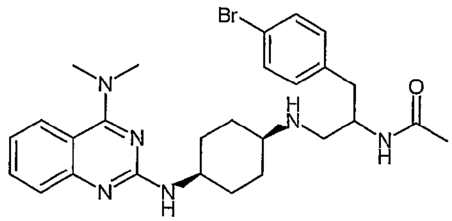
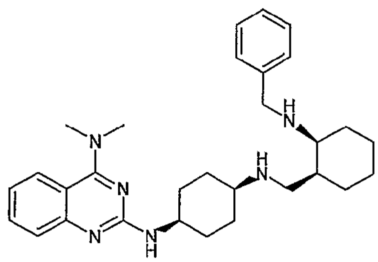
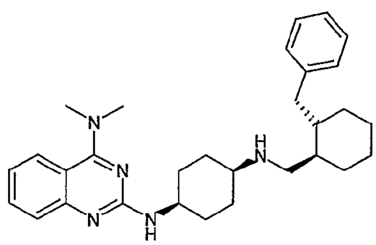
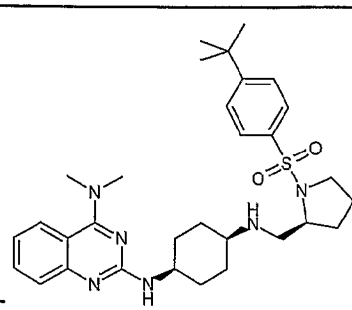
Example No.	Structure	APCI-MS
1417		519 (M + H)
1418		488 (M + H)
1419		435 (M + H)
1420		479 (M + H)
1421		487 (M + H)

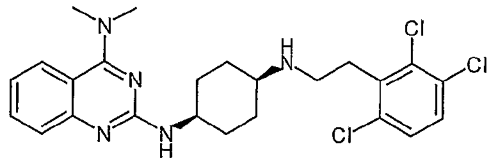
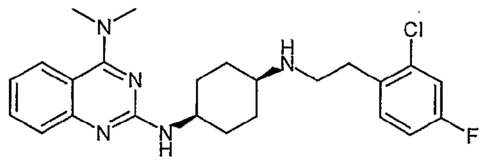
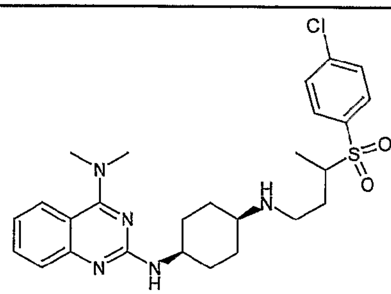
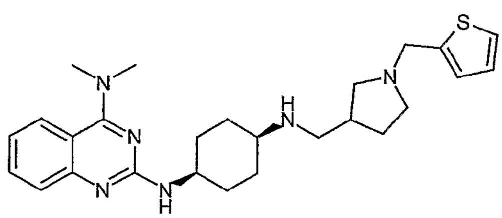
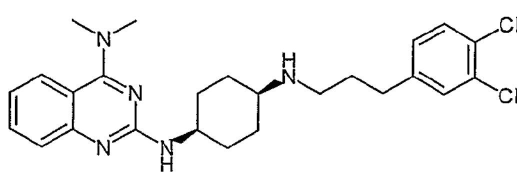
Example No.	Structure	APCI-MS
1422		501 (M + H)
1423		426 (M + H)
1424		494 (M + H)
1425		568 (M + H)
1426		660 (M + H)

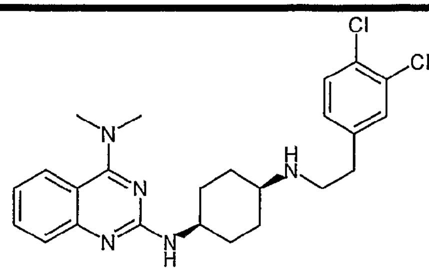
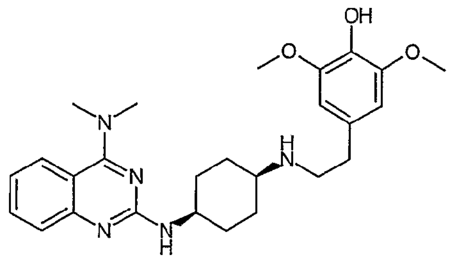
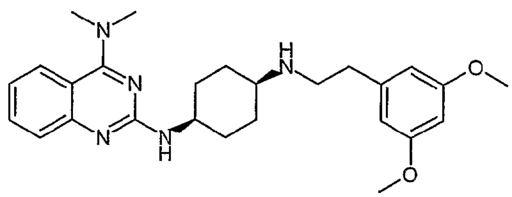
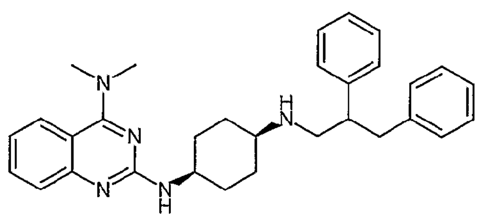
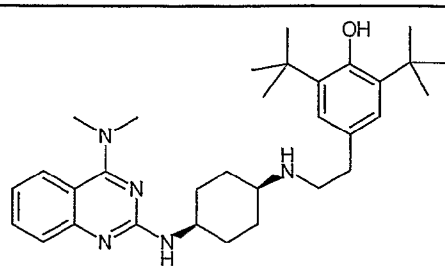
Example No.	Structure	APCI-MS
1427		460 (M + H)
1428		424 (M + H)
1429		555 (M + H)
1430		427 (M + H)
1431		444 (M + H)

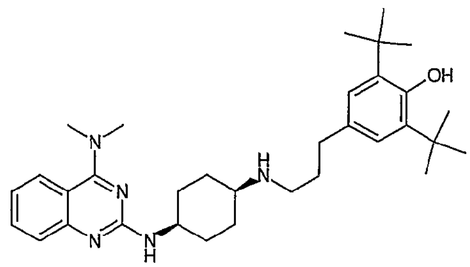
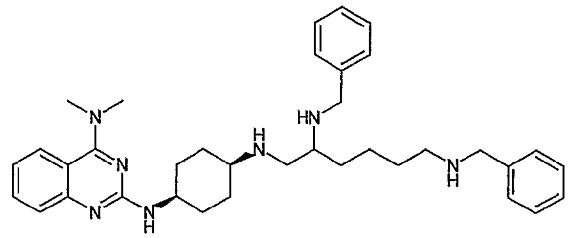
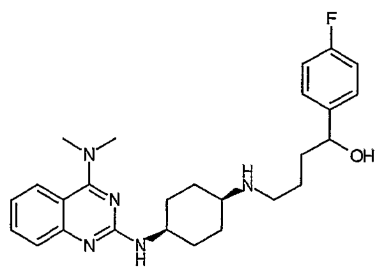
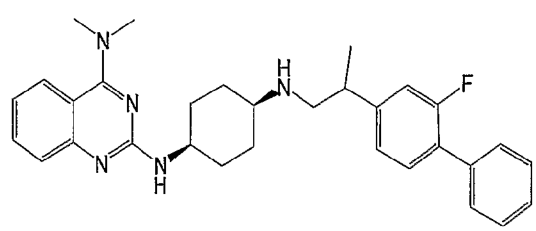
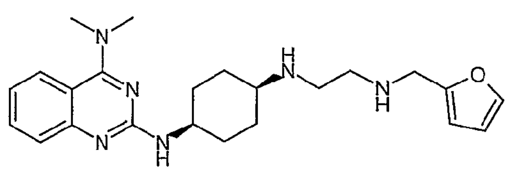
Example No.	Structure	APCI-MS
1432		435 (M + H)
1433		421 (M + H)
1434		451 (M + H)
1435		462 (M + H)
1436		512 (M + H)

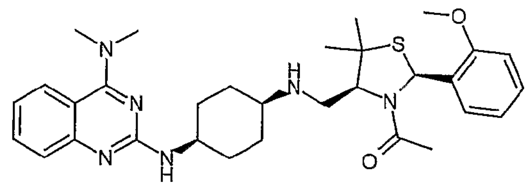
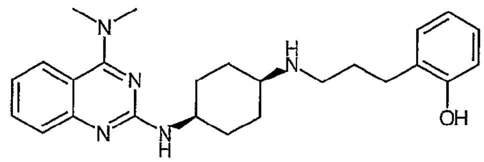
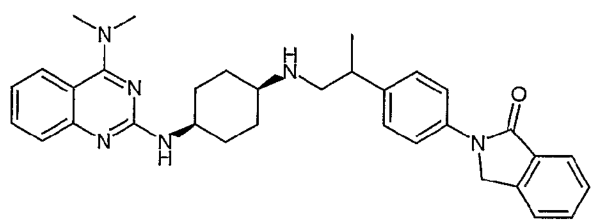
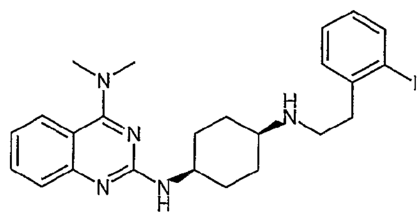
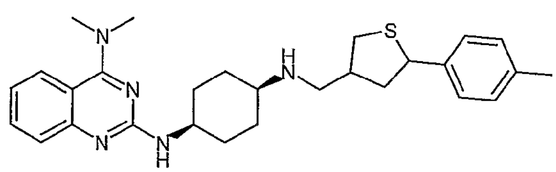
Example No.	Structure	APCI-MS
1437		451 (M + H)
1438		462 (M + H)
1439		480 (M + H)
1440		439 (M + H)
1441		449 (M + H)

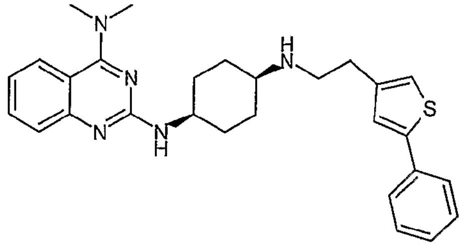
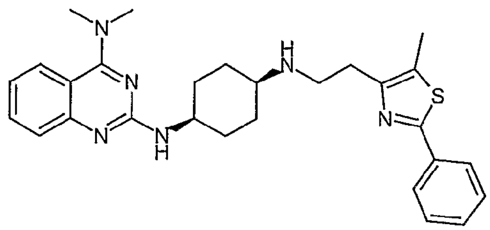
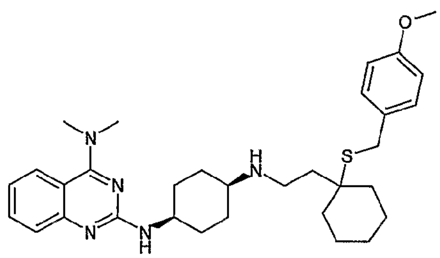
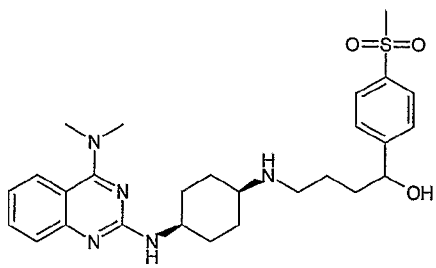
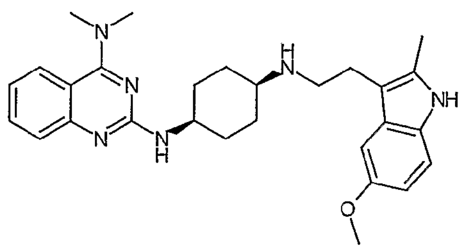
Example No.	Structure	APCI-MS
1442		505 (M + H)
1443		539 (M + H)
1444		487 (M + H)
1445		488 (M + H)
1446		565 (M + H)

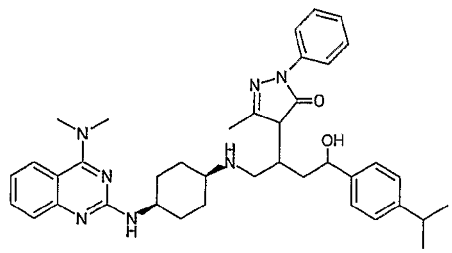
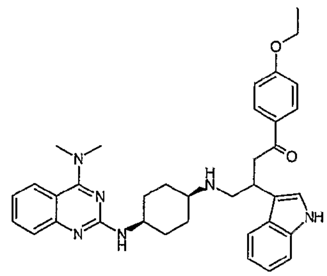
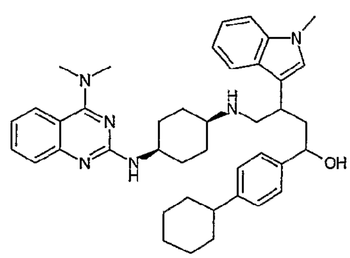
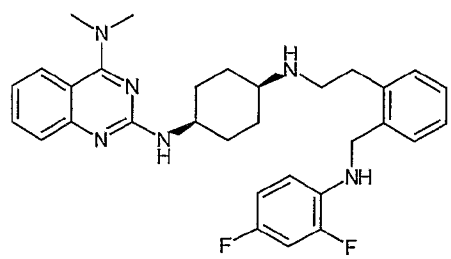
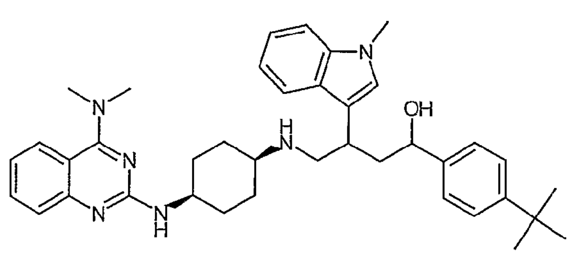
Example No.	Structure	APCI-MS
1447		492 (M + H)
1448		442 (M + H)
1449		516 (M + H)
1450		465 (M + H)
1451		472 (M + H)

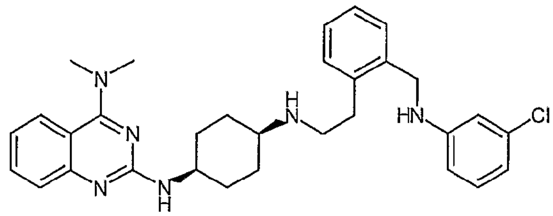
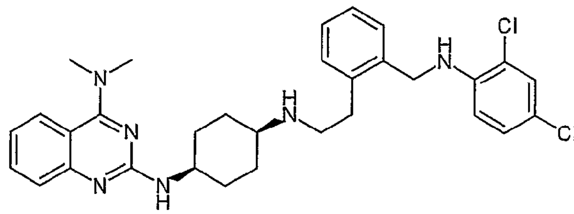
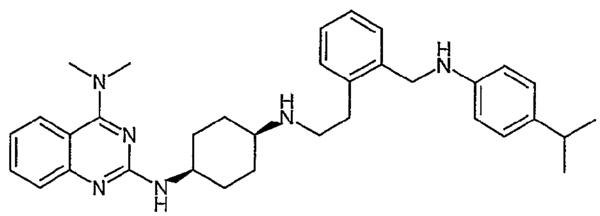
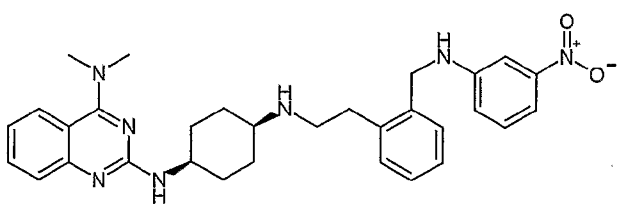
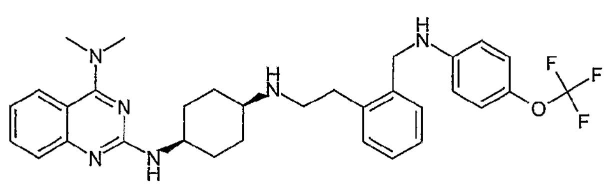
Example No.	Structure	APCI-MS
1452		458 (M + H)
1453		466 (M + H)
1454		450 (M + H)
1455		480 (M + H)
1456		518 (M + H)

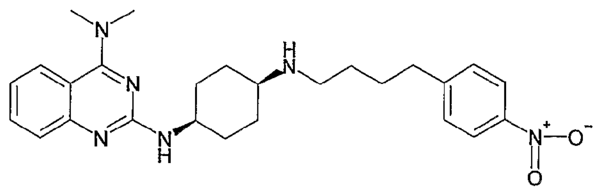
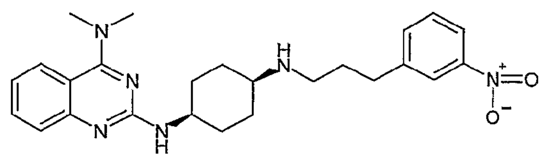
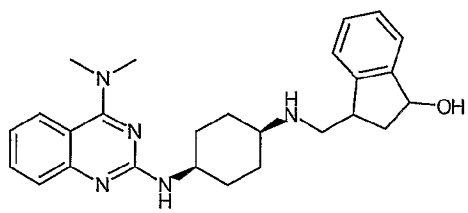
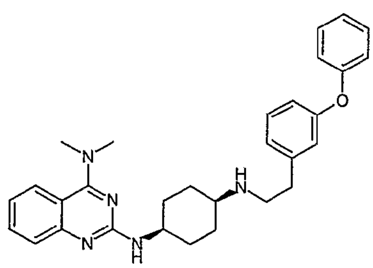
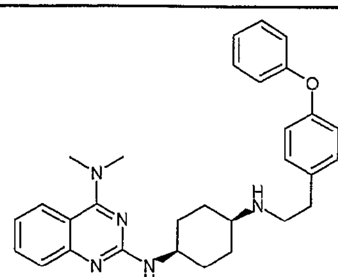
Example No.	Structure	APCI-MS
1457		532 (M + H)
1458		580 (M + H)
1459		452 (M + H)
1460		498 (M + H)
1461		409 (M + H)

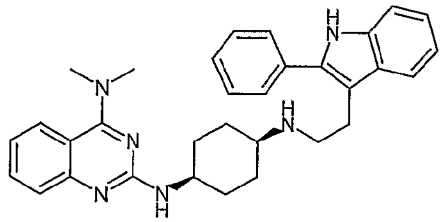
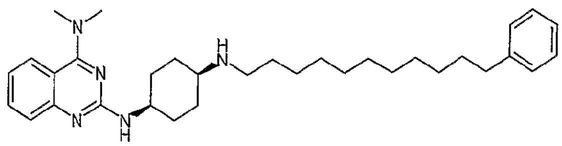
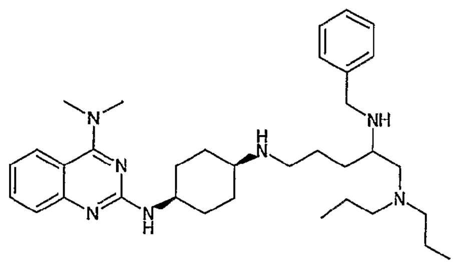
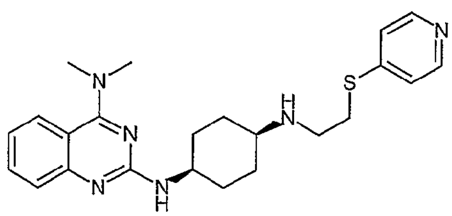
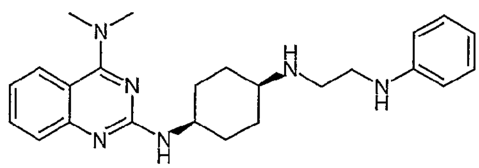
Example No.	Structure	APCI-MS
1462		563 (M + H)
1463		420 (M + H)
1464		535 (M + H)
1465		516 (M + H)
1466		476 (M + H)

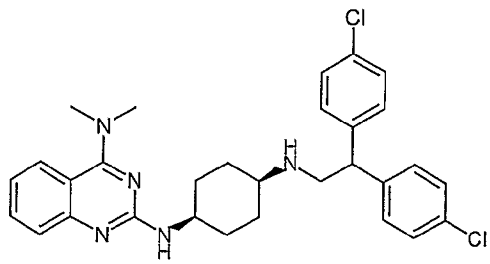
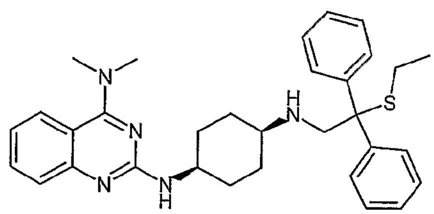
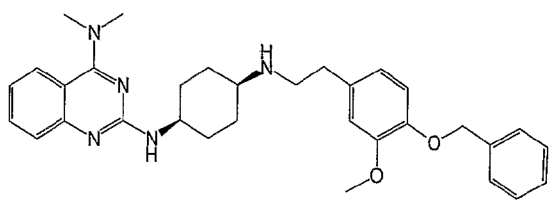
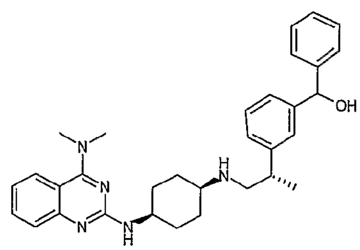
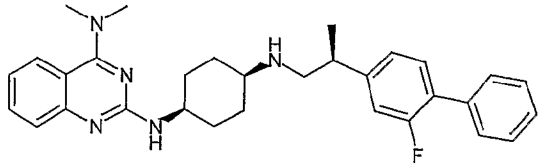
Example No.	Structure	APCI-MS
1467		472 (M + H)
1468		487 (M + H)
1469		548 (M + H)
1470		512 (M + H)
1471		473 (M + H)

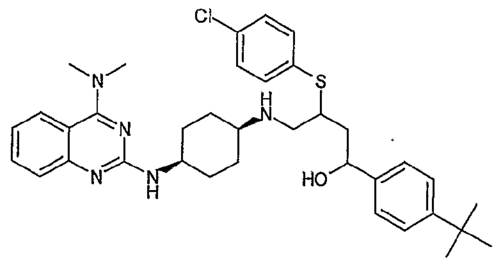
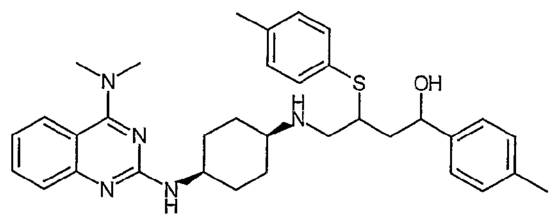
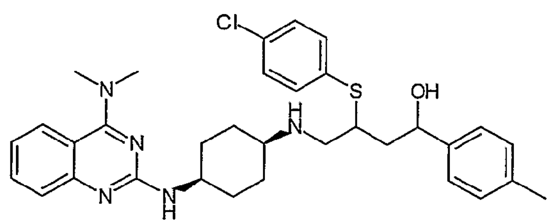
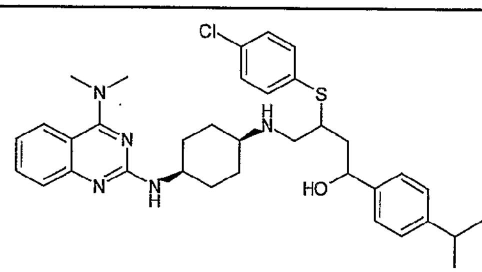
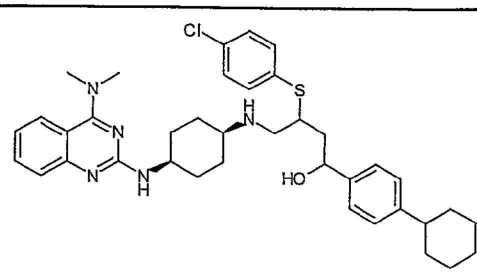
Example No.	Structure	APCI-MS
1472		648 (M + H)
1473		591 (M + H)
1474		645 (M + H)
1475		531 (M + H)
1476		619 (M + H)

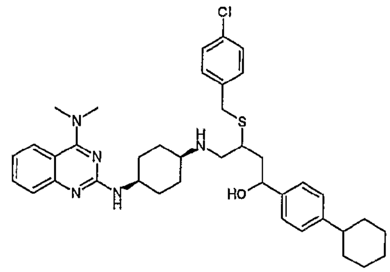
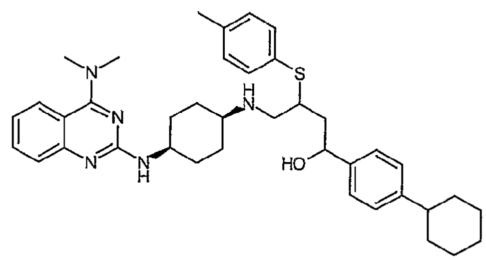
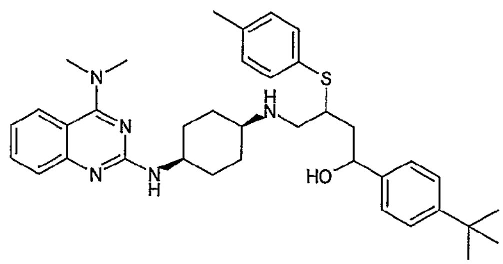
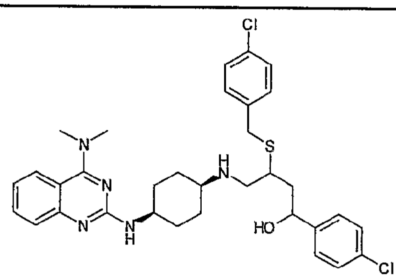
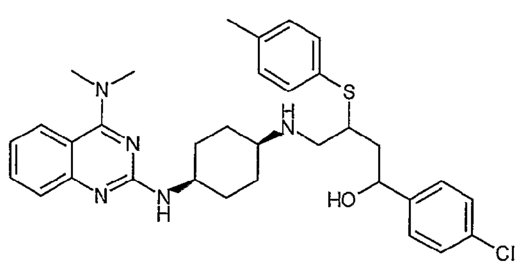
Example No.	Structure	APCI-MS
1477		529 (M + H)
1478		563 (M + H)
1479		537 (M + H)
1480		540 (M + H)
1481		579 (M + H)

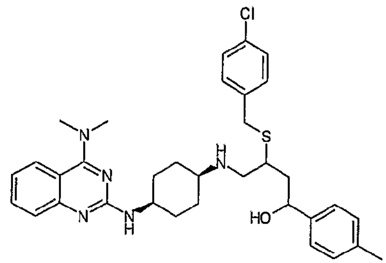
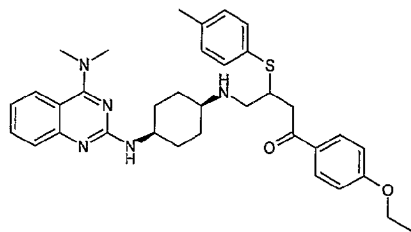
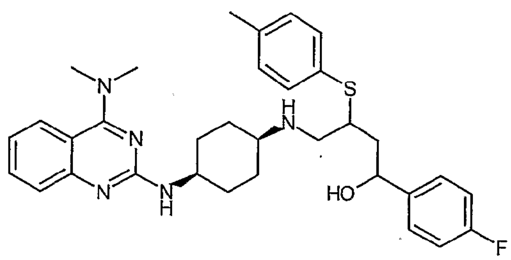
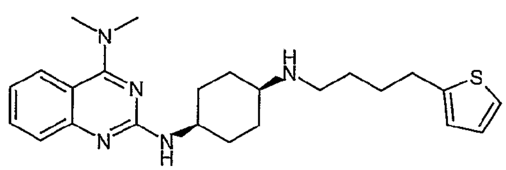
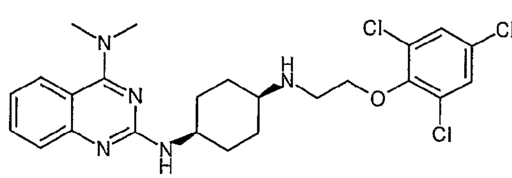
Example No.	Structure	APCI-MS
1482		463 (M + H)
1483		449 (M + H)
1484		432 (M + H)
1485		482 (M + H)
1486		482 (M + H)

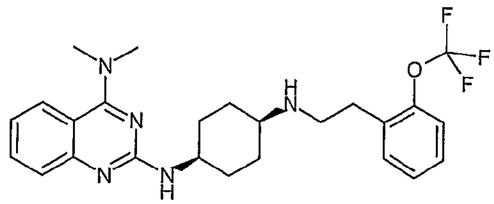
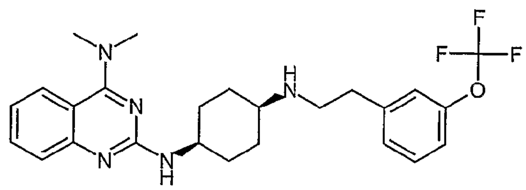
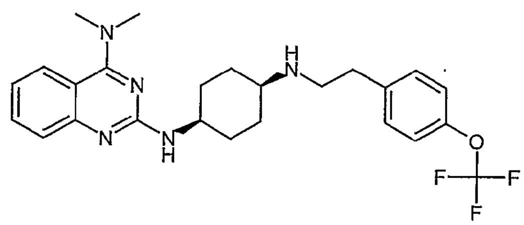
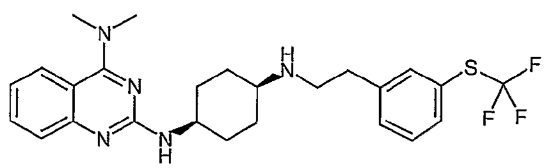
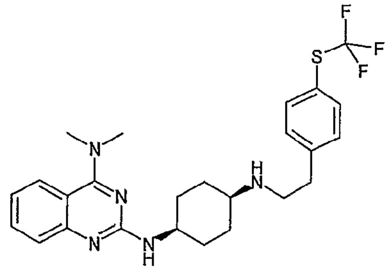
Example No.	Structure	APCI-MS
1487		505 (M + H)
1488		516 (M + H)
1489		560 (M + H)
1490		423 (M + H)
1491		405 (M + H)

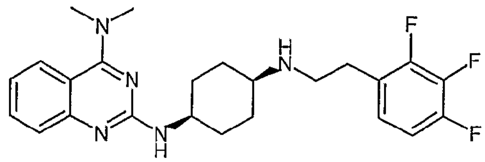
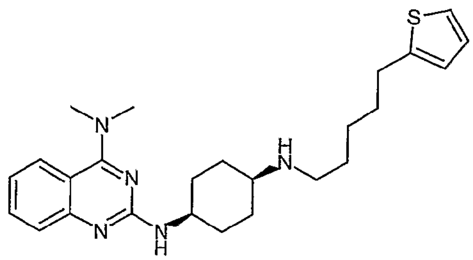
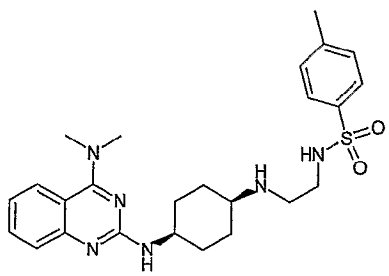
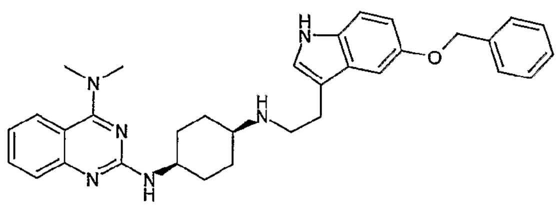
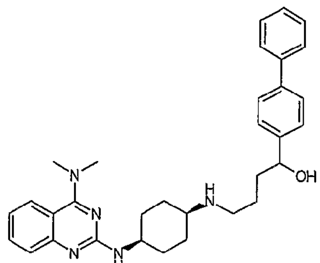
Example No.	Structure	APCI-MS
1492		534 (M + H)
1493		526 (M + H)
1494		526 (M + H)
1495		510 (M + H)
1496		498 (M + H)

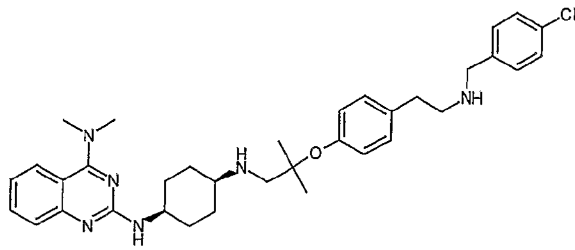
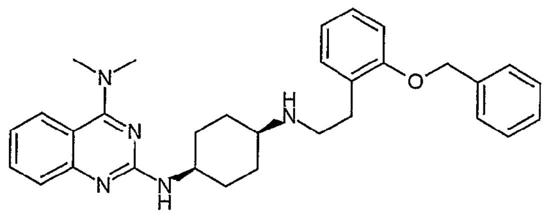
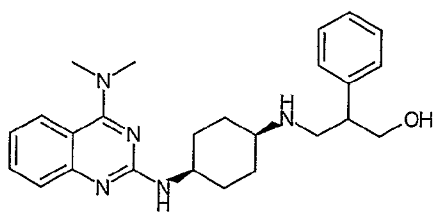
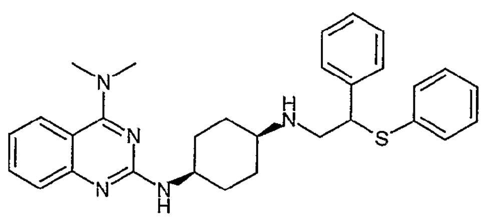
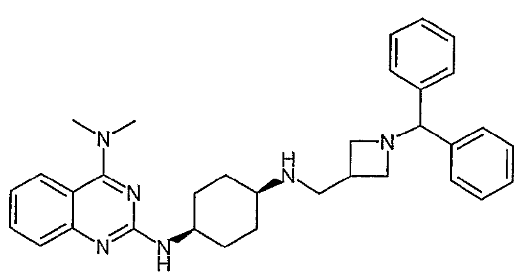
Example No.	Structure	APCI-MS
1497		632 (M + H)
1498		570 (M + H)
1499		590 (M + H)
1500		618 (M + H)
1501		658 (M + H)

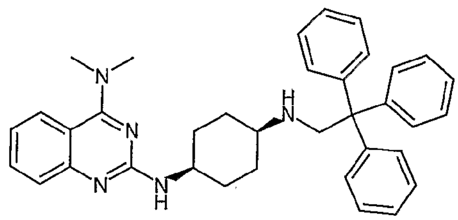
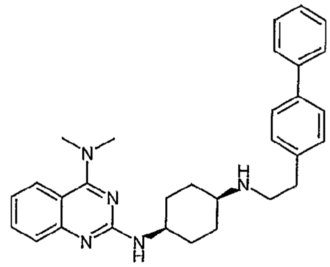
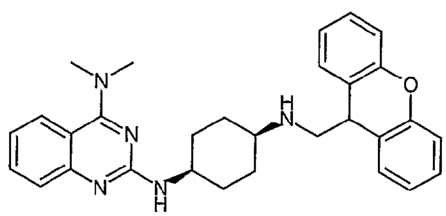
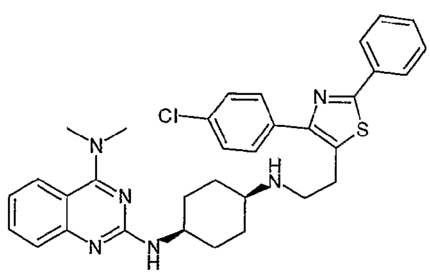
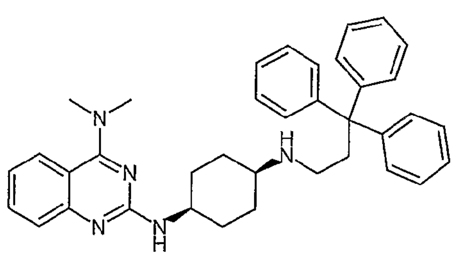
Example No.	Structure	APCI-MS
1502		672 (M + H)
1503		638 (M + H)
1504		612 (M + H)
1505		624 (M + H)
1506		590 (M + H)

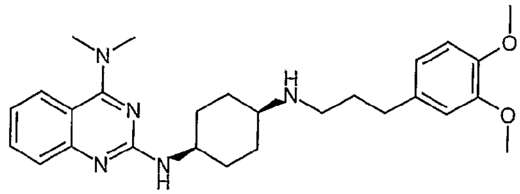
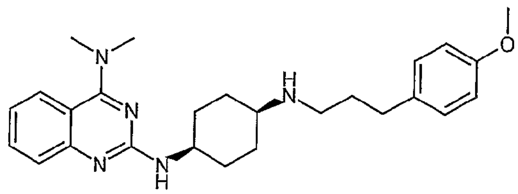
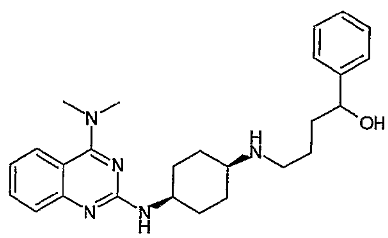
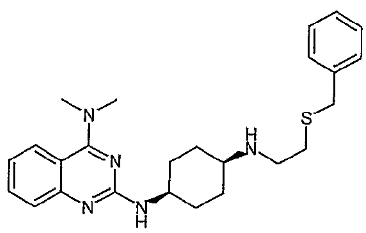
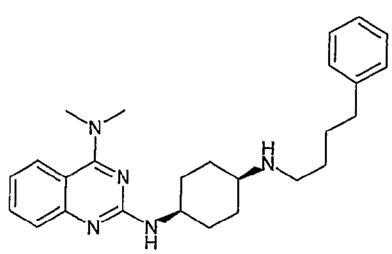
Example No.	Structure	APCI-MS
1507		604 (M + H)
1508		598 (M + H)
1509		574 (M + H)
1510		424 (M + H)
1511		508 (M + H)

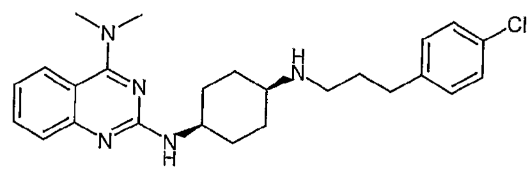
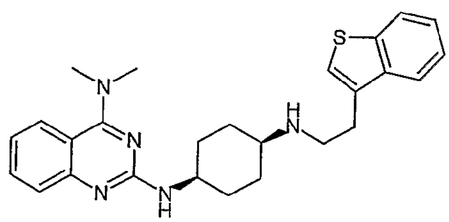
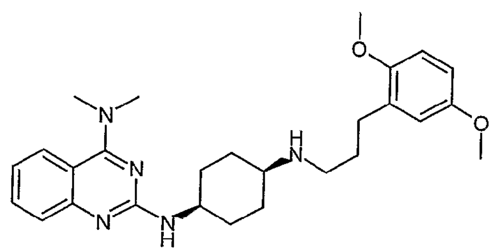
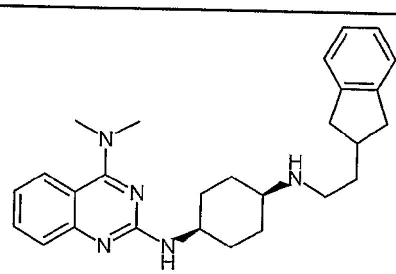
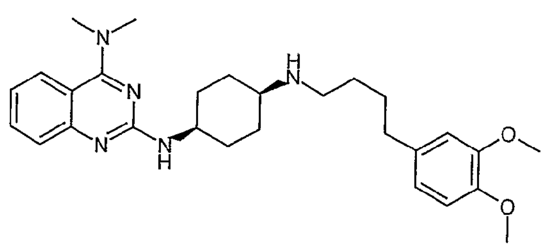
Example No.	Structure	APCI-MS
1512		474 (M + H)
1513		474 (M + H)
1514		474 (M + H)
1515		490 (M + H)
1516		490 (M + H)

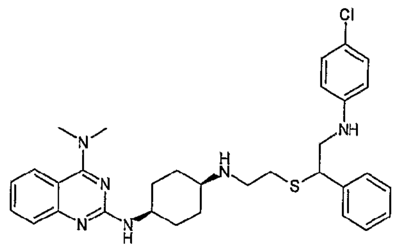
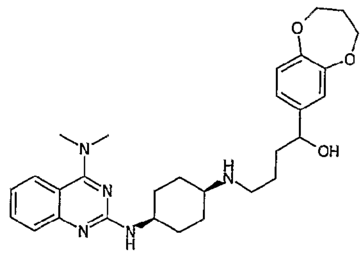
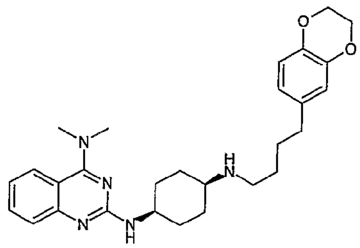
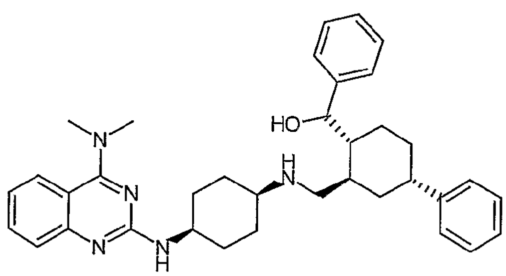
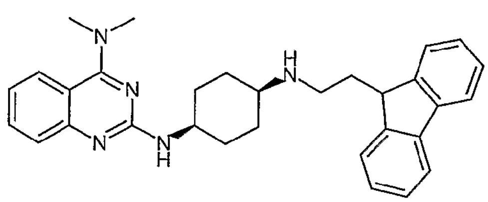
Example No.	Structure	APCI-MS
1517		444 (M + H)
1518		438 (M + H)
1519		483 (M + H)
1520		535 (M + H)
1521		510 (M + H)

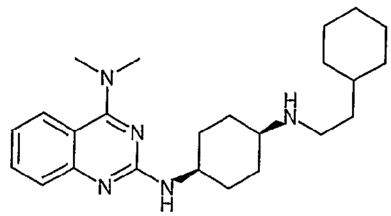
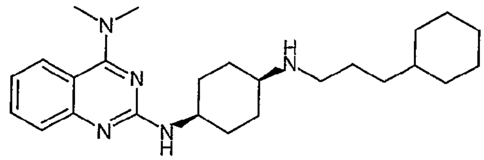
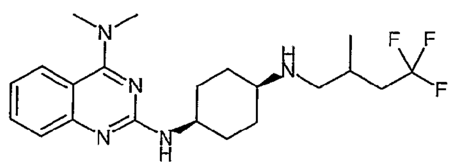
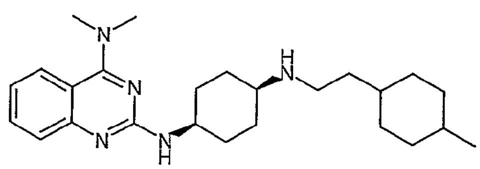
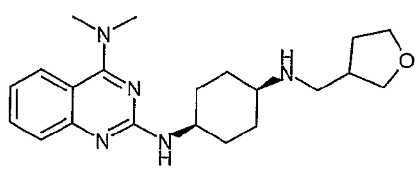
Example No.	Structure	APCI-MS
1522		601 (M + H)
1523		496 (M + H)
1524		420 (M + H)
1525		498 (M + H)
1526		521 (M + H)

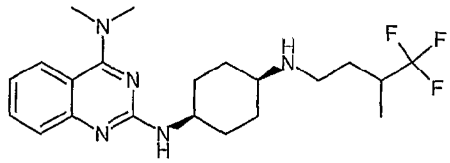
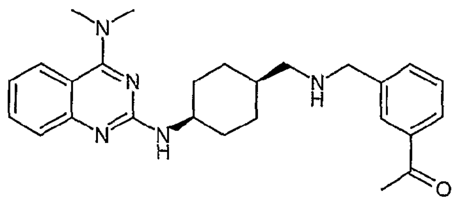
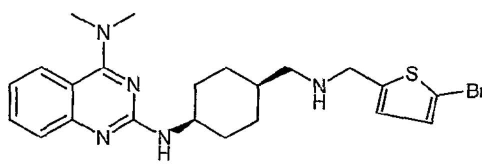
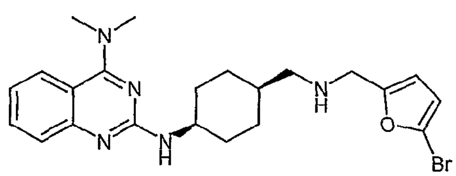
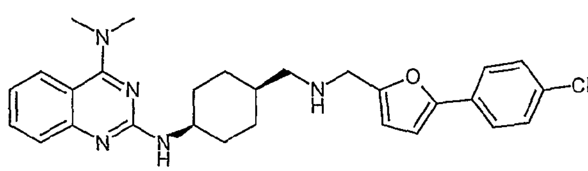
Example No.	Structure	APCI-MS
1527		542 (M + H)
1528		466 (M + H)
1529		480 (M + H)
1530		583 (M + H)
1531		556 (M + H)

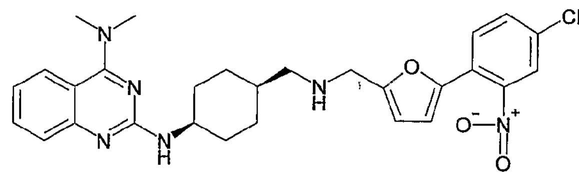
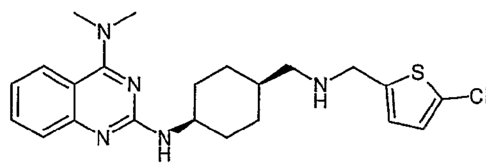
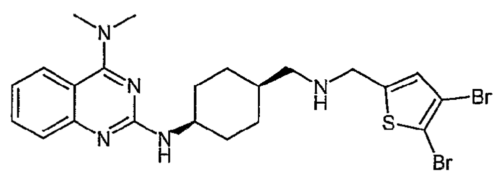
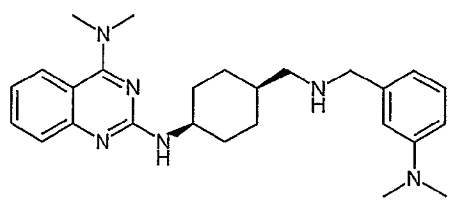
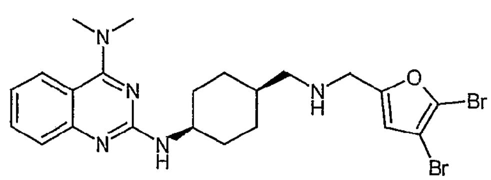
Example No.	Structure	APCI-MS
1532		464 (M + H)
1533		434 (M + H)
1534		434 (M + H)
1535		436 (M + H)
1536		418 (M + H)

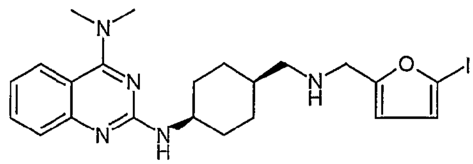
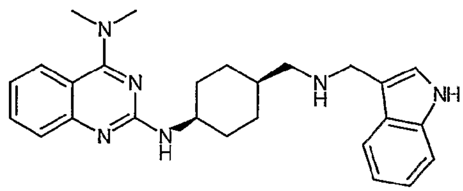
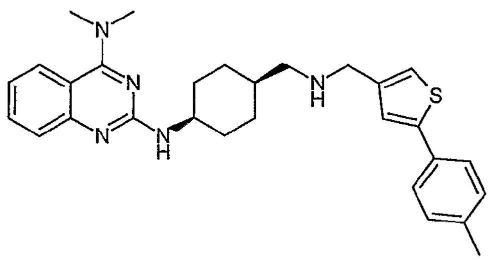
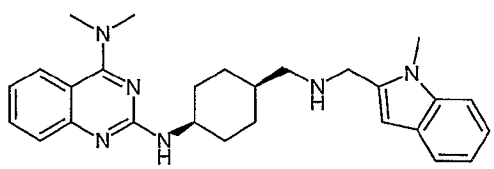
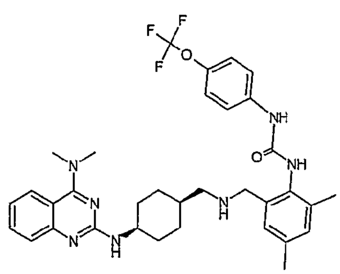
Example No.	Structure	APCI-MS
1537		438 (M + H)
1538		446 (M + H)
1539		464 (M + H)
1540		430 (M + H)
1541		478 (M + H)

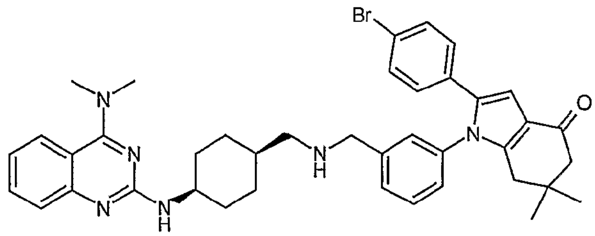
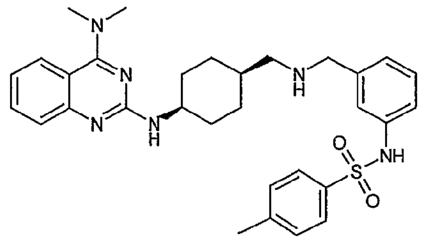
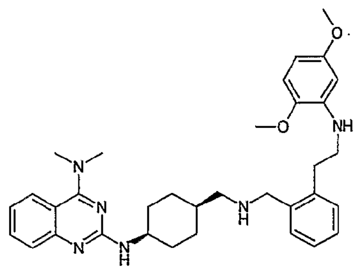
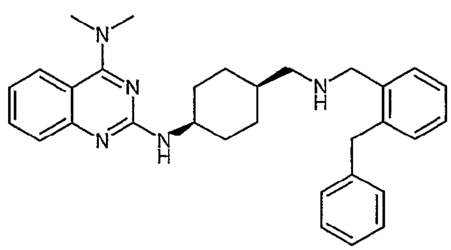
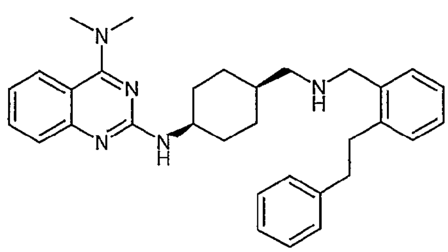
Example No.	Structure	APCI-MS
1542		575 (M + H)
1543		506 (M + H)
1544		476 (M + H)
1545		564 (M + H)
1546		478 (M + H)

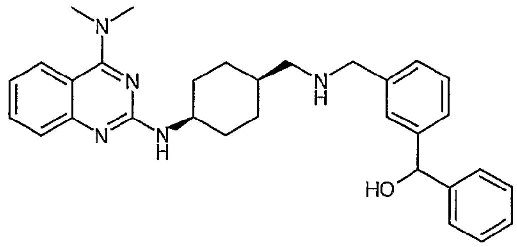
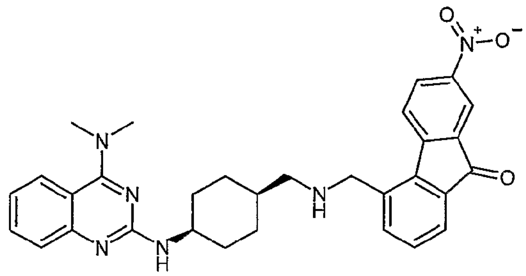
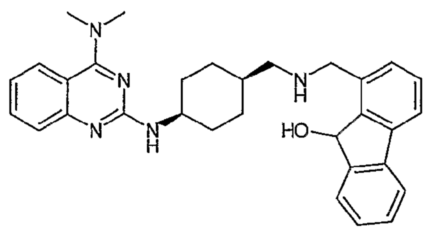
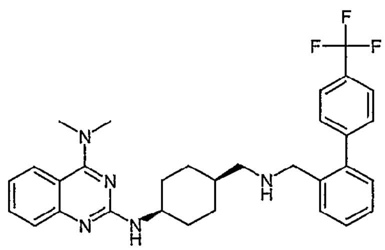
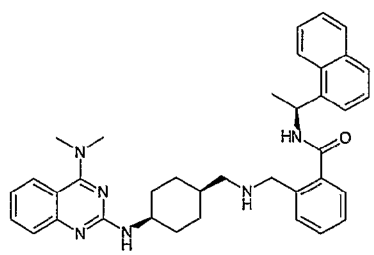
Example No.	Structure	APCI-MS
1547		396 (M + H)
1548		410 (M + H)
1549		410 (M + H)
1550		410 (M + H)
1551		370 (M + H)

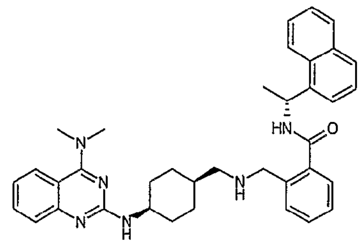
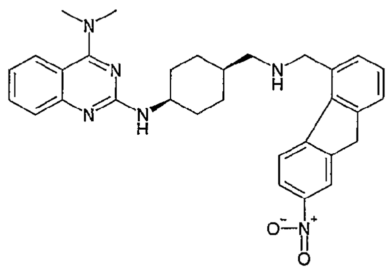
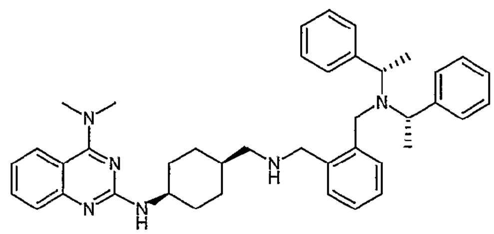
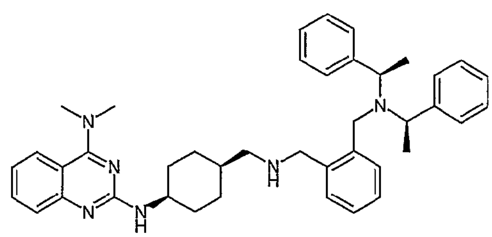
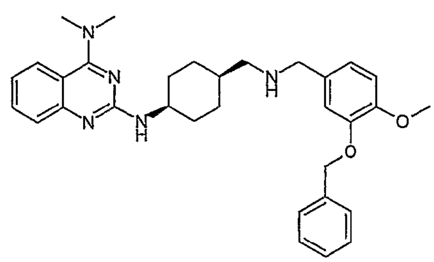
Example No.	Structure	APCI-MS
1552		410 (M + H)
1553		432 (M + H)
1554		474 (M + H)
1555		458 (M + H)
1556		490 (M + H)

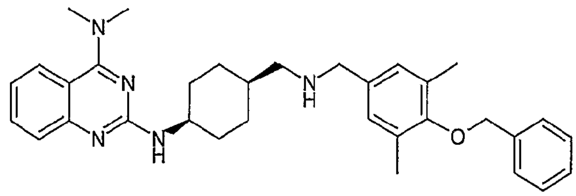
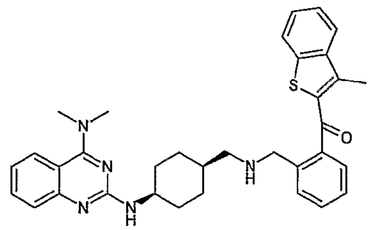
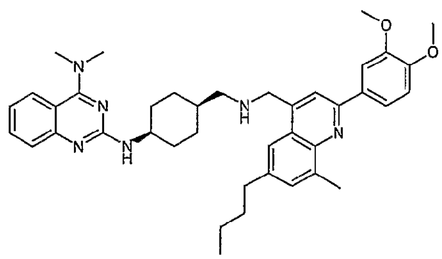
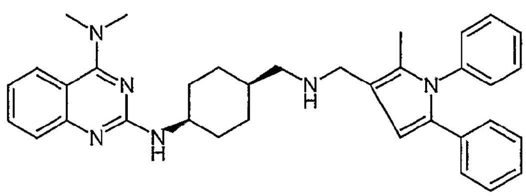
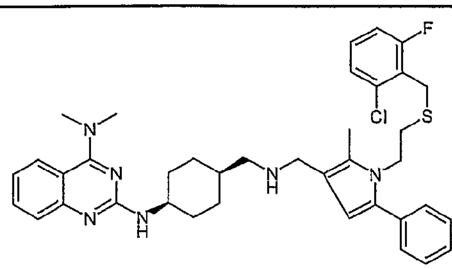
Example No.	Structure	APCI-MS
1557		535 (M + H)
1558		430 (M + H)
1559		552 (M + H)
1560		433 (M + H)
1561		536 (M + H)

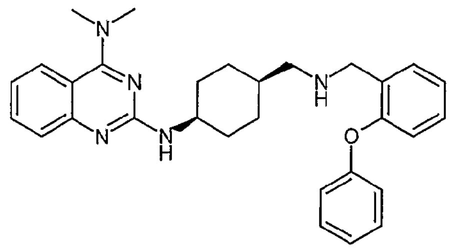
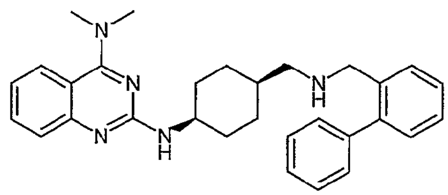
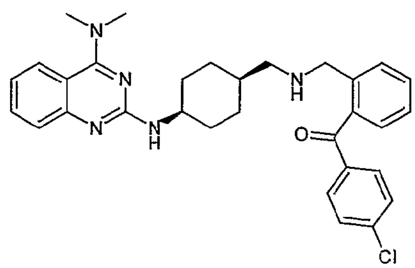
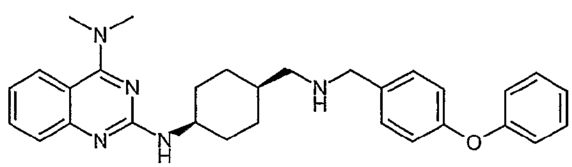
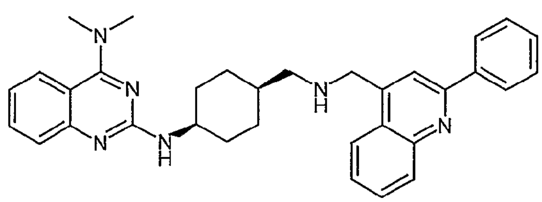
Example No.	Structure	APCI-MS
1562		506 (M + H)
1563		429 (M + H)
1564		486 (M + H)
1565		443 (M + H)
1566		636 (M + H)

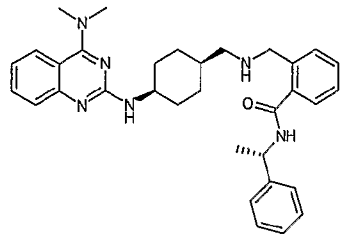
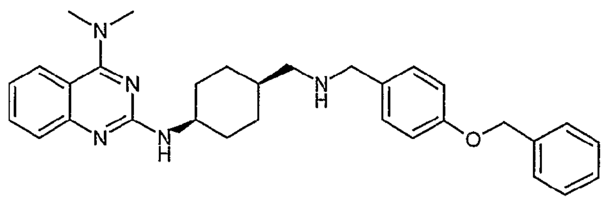
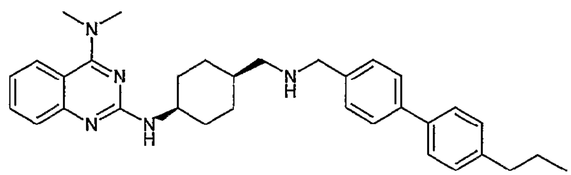
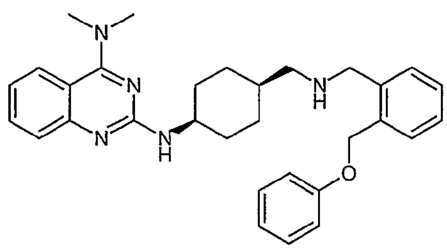
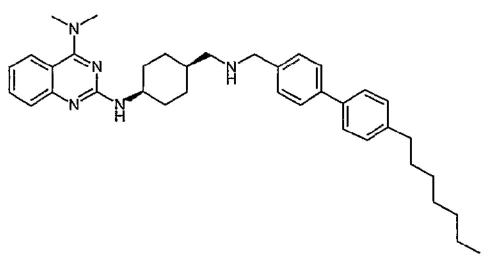
Example No.	Structure	APCI-MS
1567		705 (M + H)
1568		559 (M + H)
1569		569 (M + H)
1570		480 (M + H)
1571		494 (M + H)

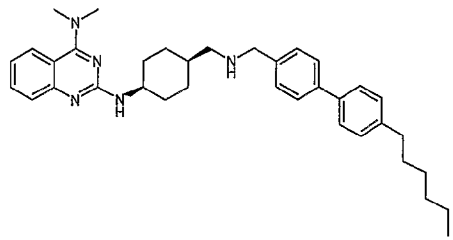
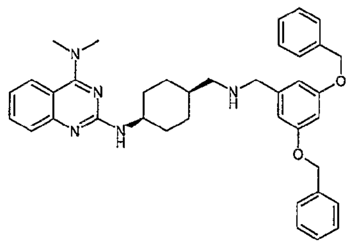
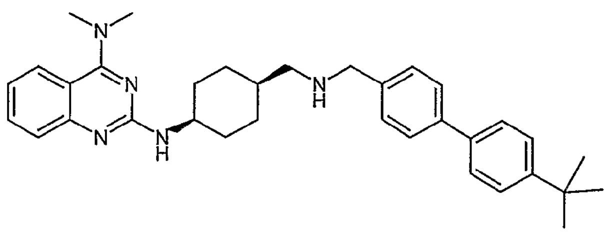
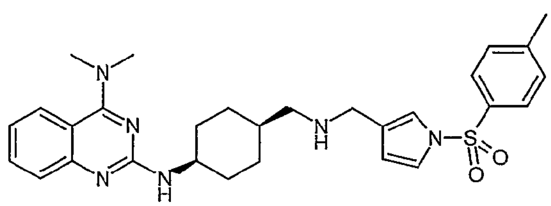
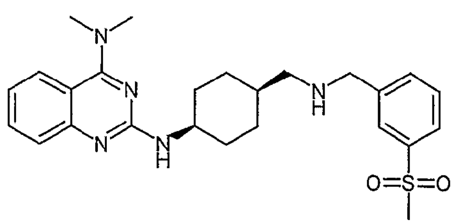
Example No.	Structure	APCI-MS
1572		496 (M + H)
1573		537 (M + H)
1574		494 (M + H)
1575		534 (M + H)
1576		587 (M + H)

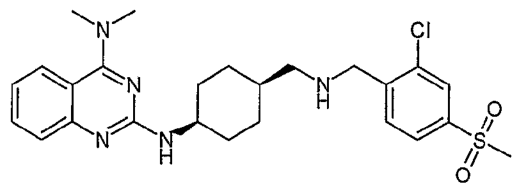
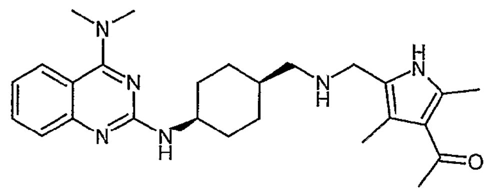
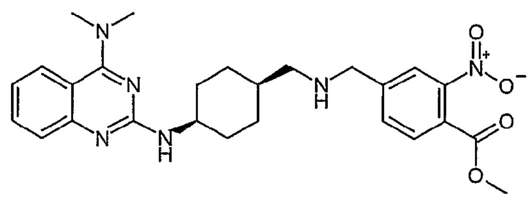
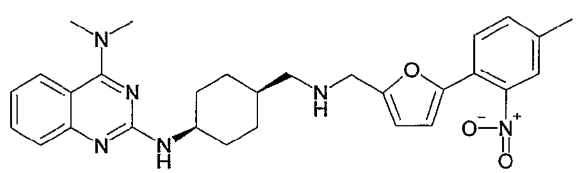
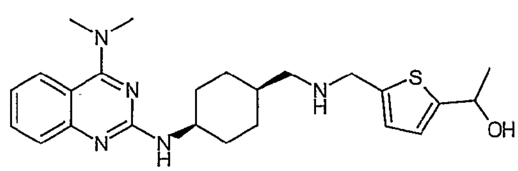
Example No.	Structure	APCI-MS
1577		587 (M + H)
1578		523 (M + H)
1579		627 (M + H)
1580		627 (M + H)
1581		526 (M + H)

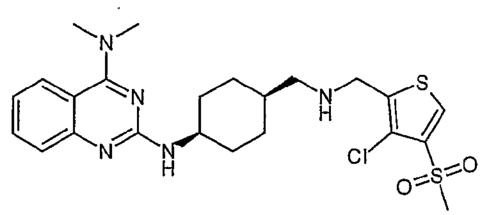
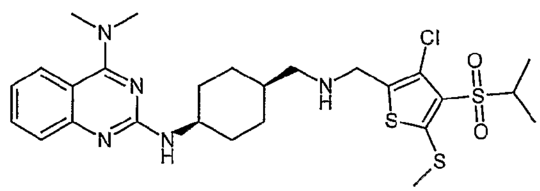
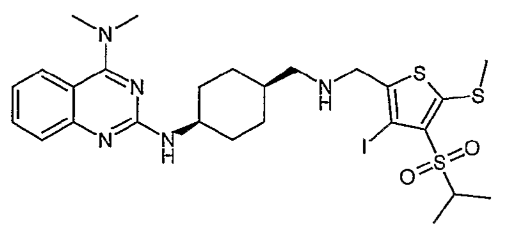
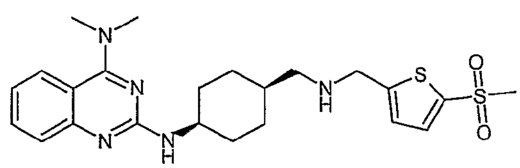
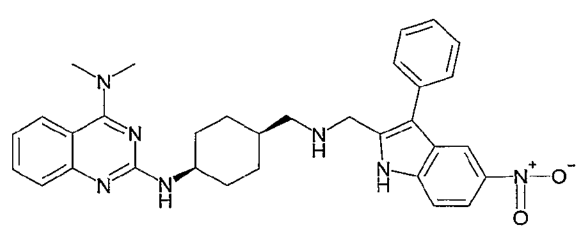
Example No.	Structure	APCI-MS
1582		524 (M + H)
1583		564 (M + H)
1584		647 (M + H)
1585		545 (M + H)
1586		671 (M + H)

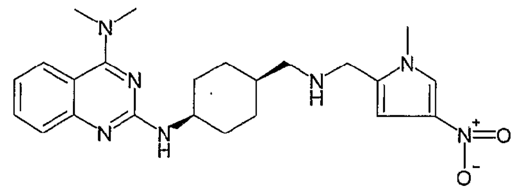
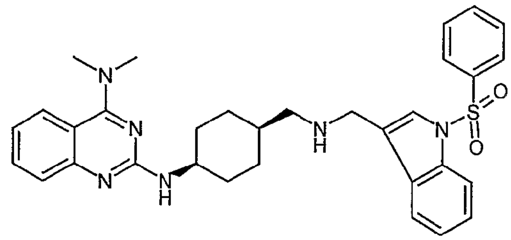
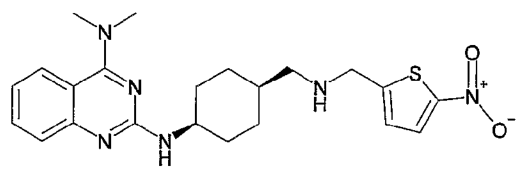
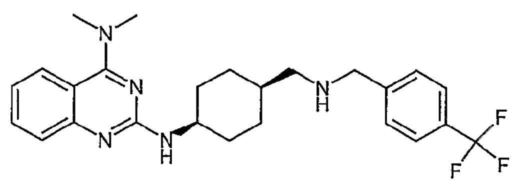
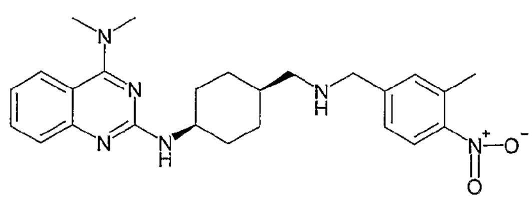
Example No.	Structure	APCI-MS
1587		482 (M + H)
1588		466 (M + H)
1589		528 (M + H)
1590		482 (M + H)
1591		517 (M + H)

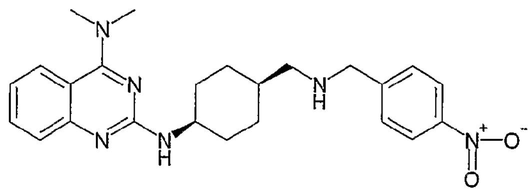
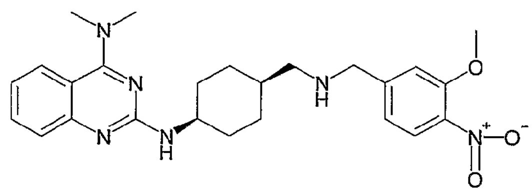
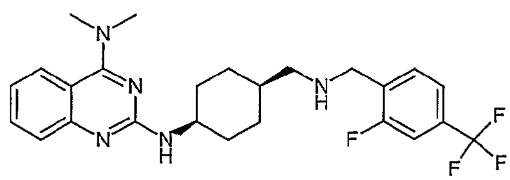
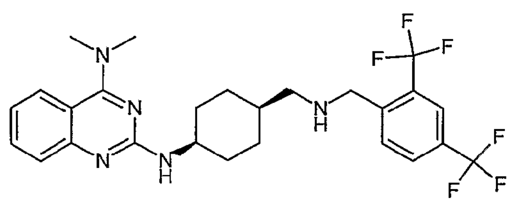
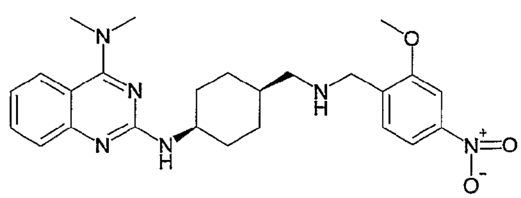
Example No.	Structure	APCI-MS
1592		537 (M + H)
1593		496 (M + H)
1594		508 (M + H)
1595		496 (M + H)
1596		564 (M + H)

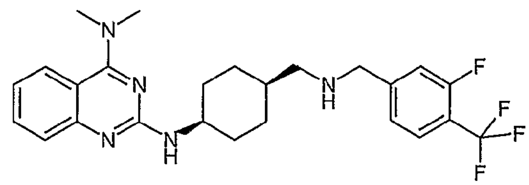
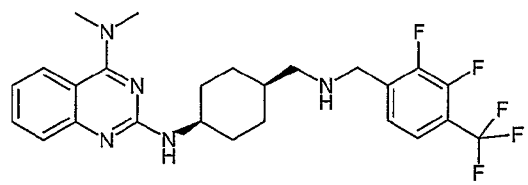
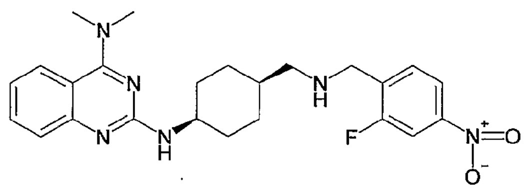
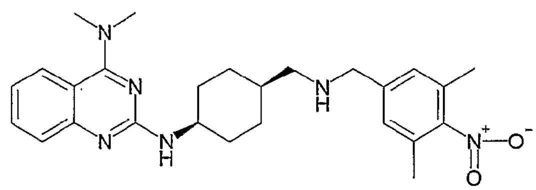
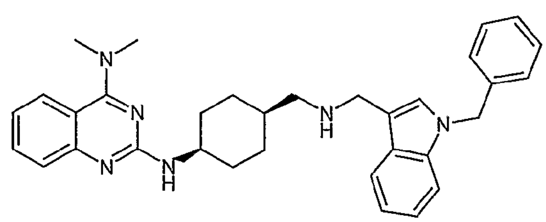
Example No.	Structure	APCI-MS
1597		550 (M + H)
1598		602 (M + H)
1599		522 (M + H)
1600		533 (M + H)
1601		468 (M + H)

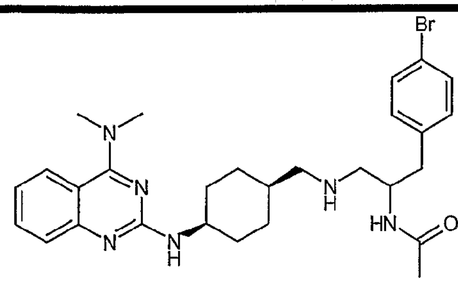
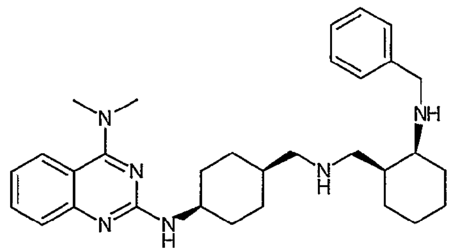
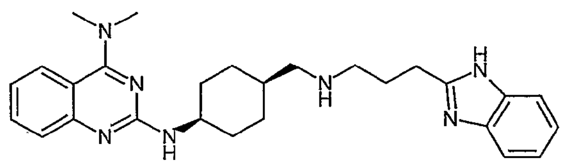
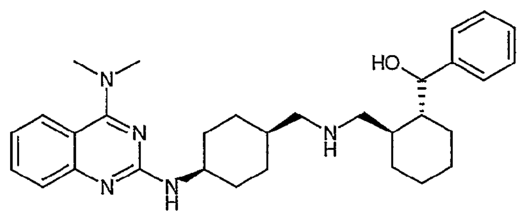
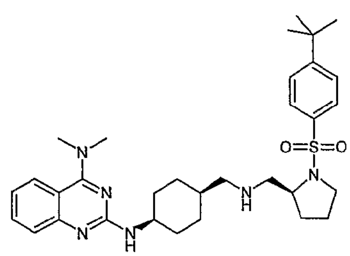
Example No.	Structure	APCI-MS
1602		502 (M + H)
1603		449 (M + H)
1604		493 (M + H)
1605		515 (M + H)
1606		440 (M + H)

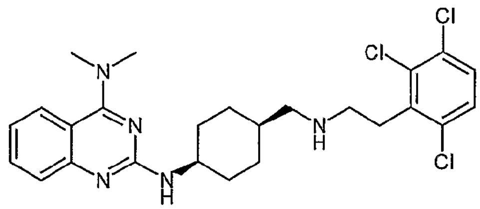
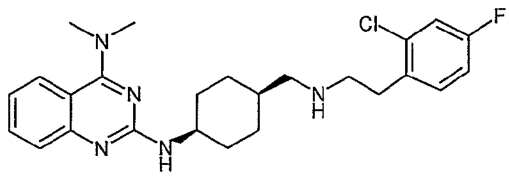
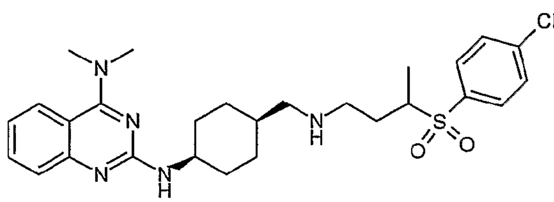
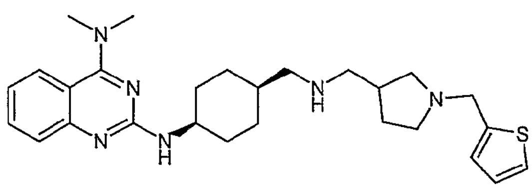
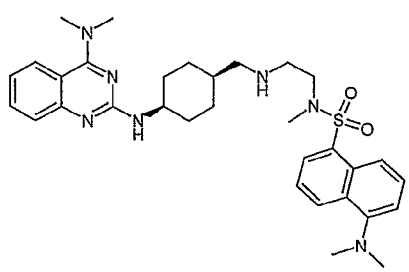
Example No.	Structure	APCI-MS
1607		508 (M + H)
1608		582 (M + H)
1609		674 (M + H)
1610		474 (M + H)
1611		548 (M - H)

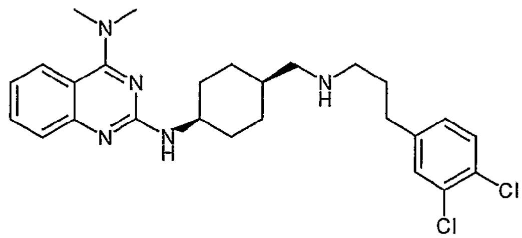
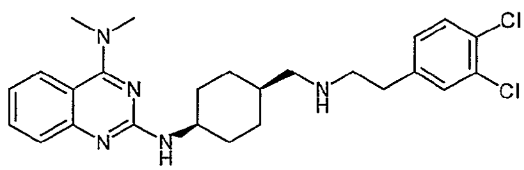
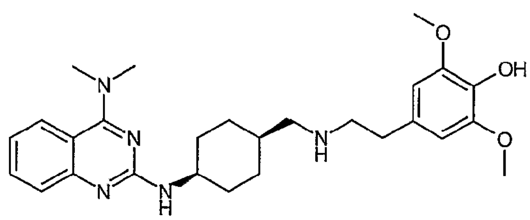
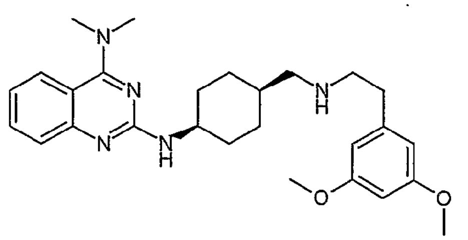
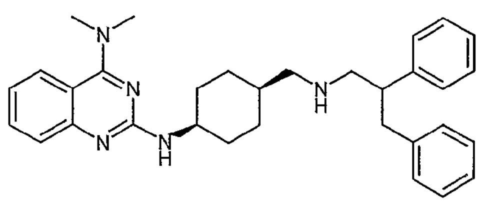
Example No.	Structure	APCI-MS
1612		438 (M + H)
1613		569 (M + H)
1614		441 (M + H)
1615		458 (M + H)
1616		449 (M + H)

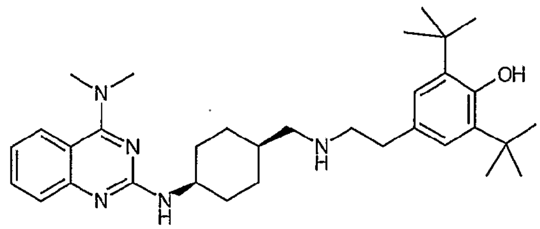
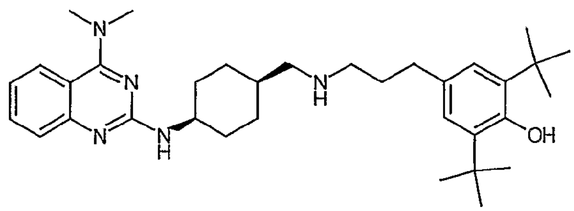
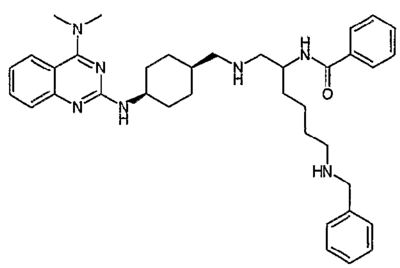
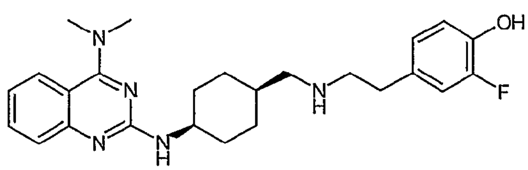
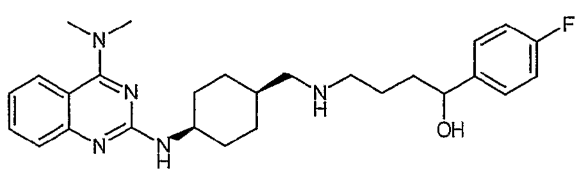
Example No.	Structure	APCI-MS
1617		435 (M + H)
1618		465 (M + H)
1619		476 (M + H)
1620		526 (M + H)
1621		465 (M + H)

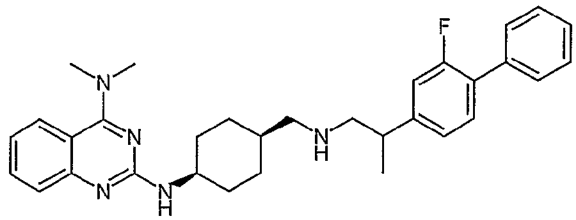
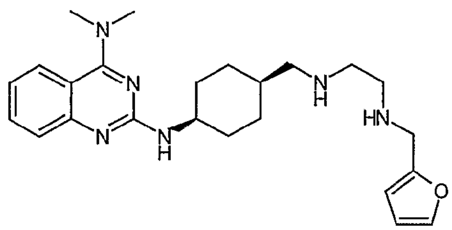
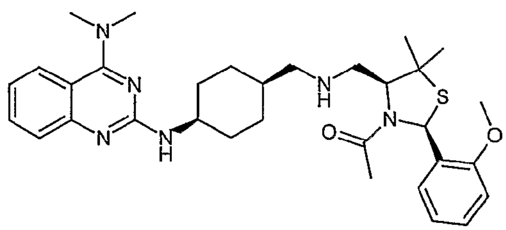
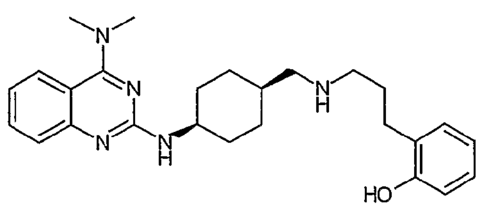
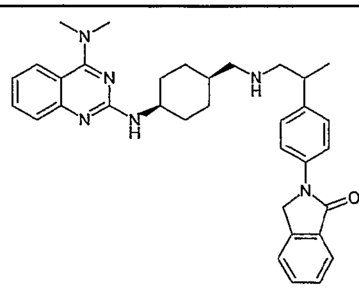
Example No.	Structure	APCI-MS
1622		476 (M + H)
1623		494 (M + H)
1624		453 (M + H)
1625		463 (M + H)
1626		519 (M + H)

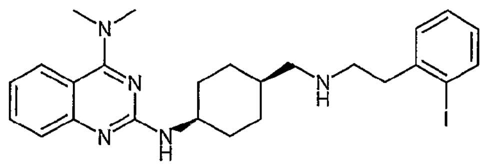
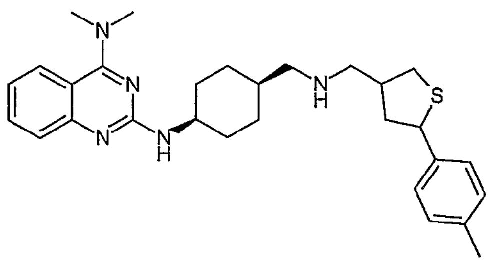
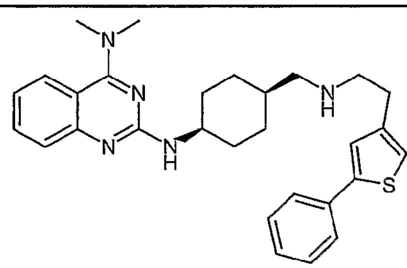
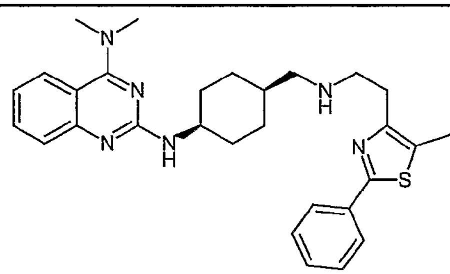
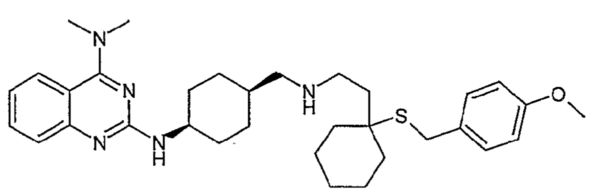
Example No.	Structure	APCI-MS
1627		553 (M + H)
1628		501 (M + H)
1629		458 (M + H)
1630		502 (M + H)
1631		579 (M + H)

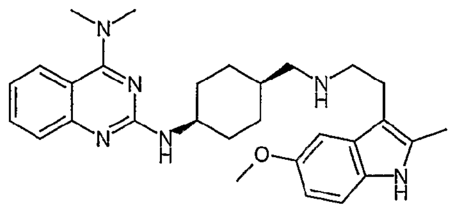
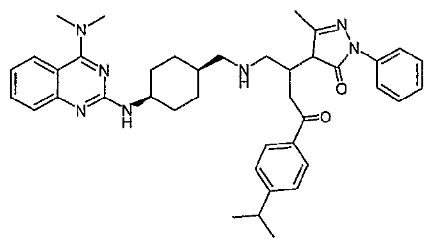
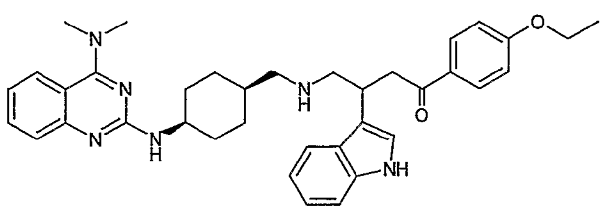
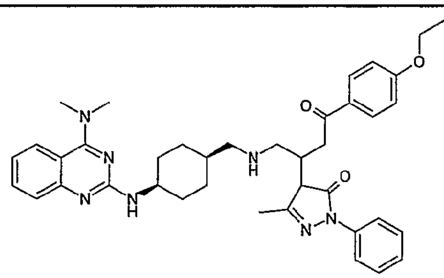
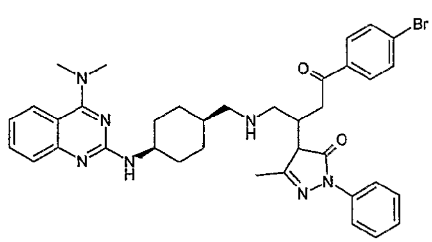
Example No.	Structure	APCI-MS
1632		506 (M + H)
1633		456 (M + H)
1634		530 (M + H)
1635		479 (M + H)
1636		590 (M + H)

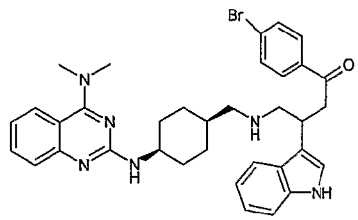
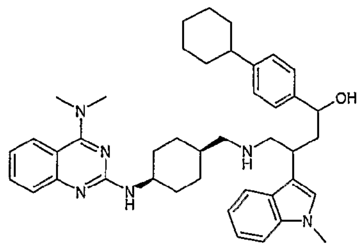
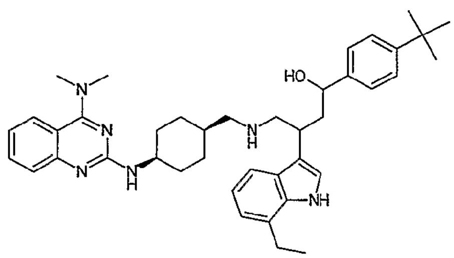
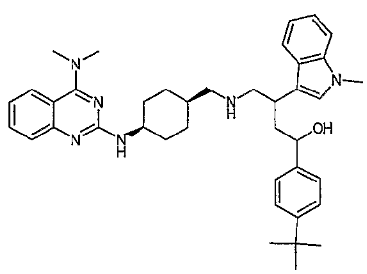
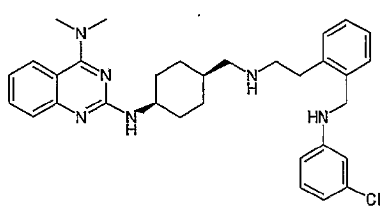
Example No.	Structure	APCI-MS
1637		486 (M + H)
1638		472 (M + H)
1639		480 (M + H)
1640		464 (M + H)
1641		494 (M + H)

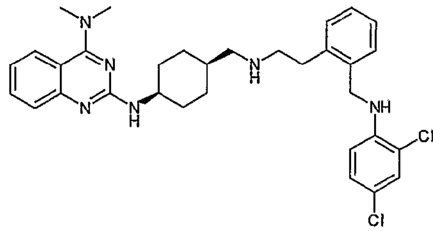
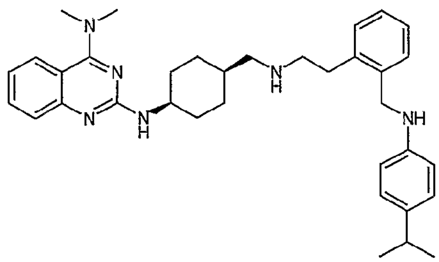
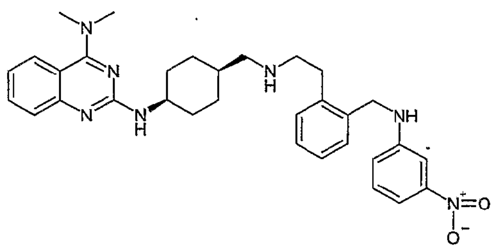
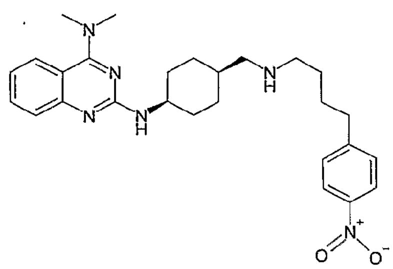
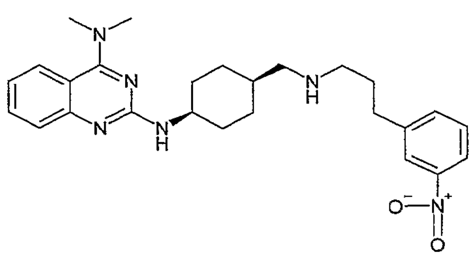
Example No.	Structure	APCI-MS
1642		532 (M + H)
1643		546 (M + H)
1644		608 (M + H)
1645		438 (M + H)
1646		466 (M + H)

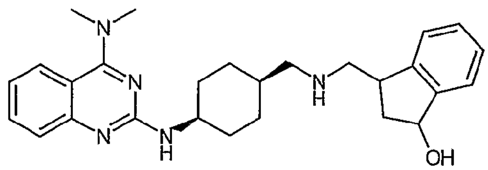
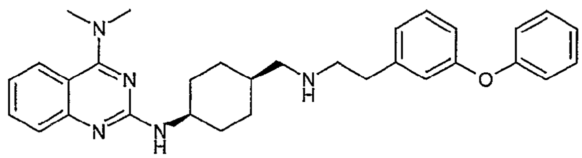
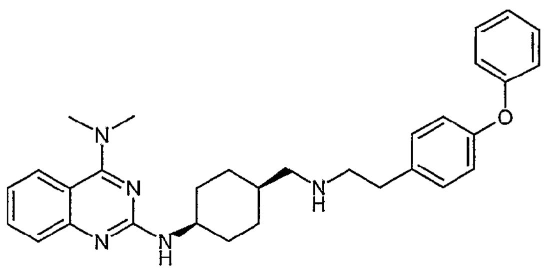
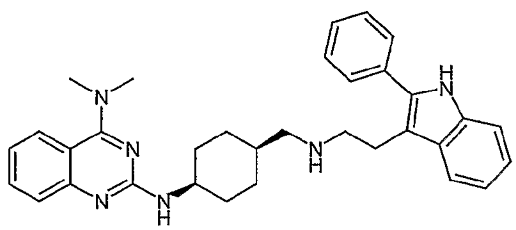
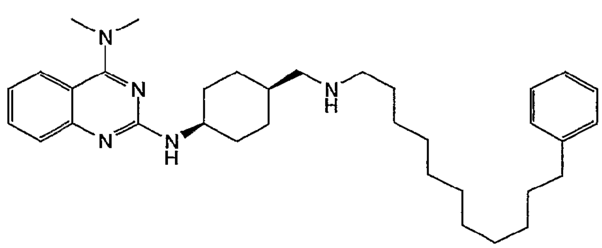
Example No.	Structure	APCI-MS
1647		512 (M + H)
1648		423 (M + H)
1649		577 (M + H)
1650		434 (M + H)
1651		549 (M + H)

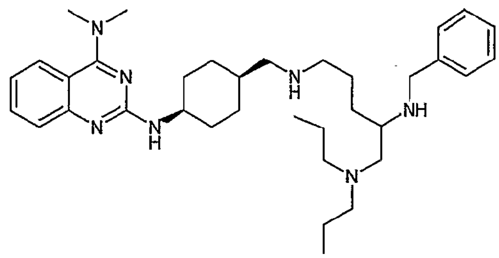
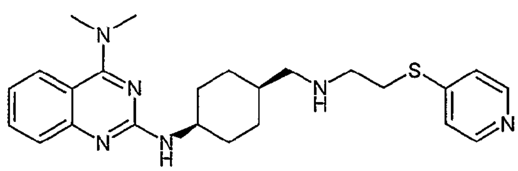
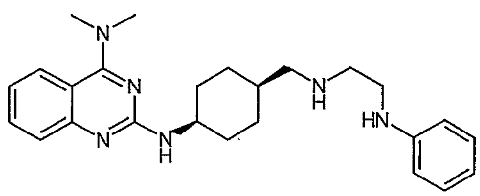
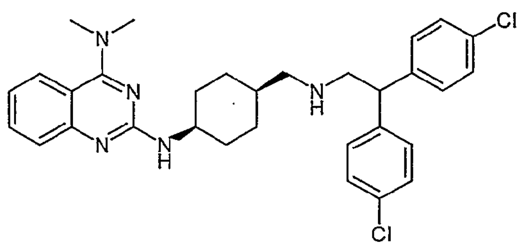
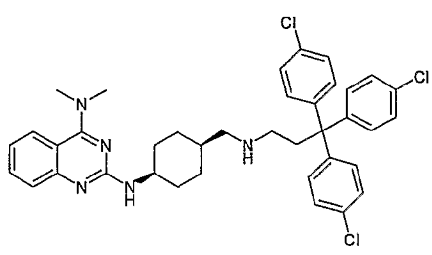
Example No.	Structure	APCI-MS
1652		530 (M + H)
1653		490 (M + H)
1654		486 (M + H)
1655		501 (M + H)
1656		562 (M + H)

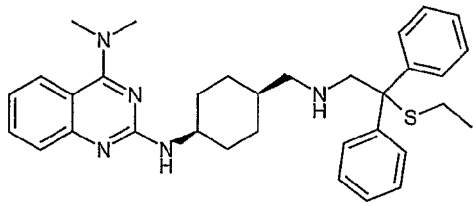
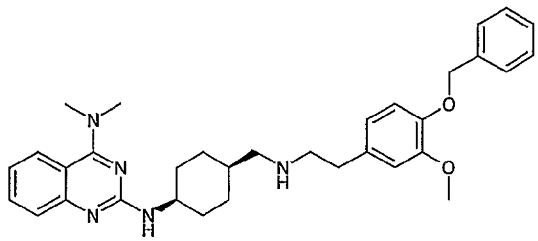
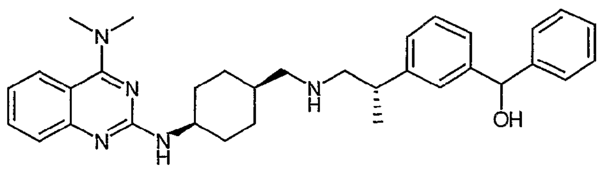
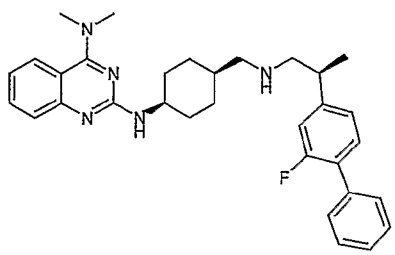
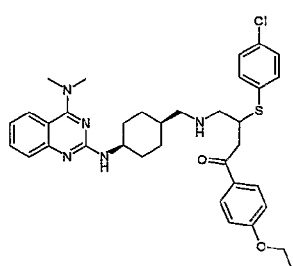
Example No.	Structure	APCI-MS
1657		487 (M + H)
1658		660 (M + H)
1659		605 (M + H)
1660		662 (M + H)
1661		696 (M + H)

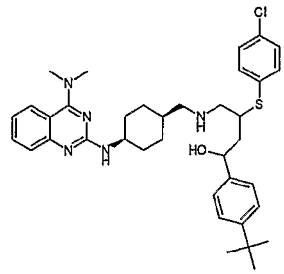
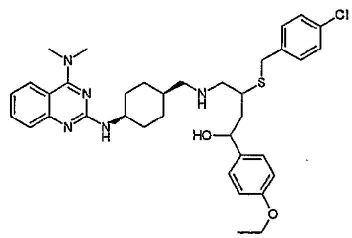
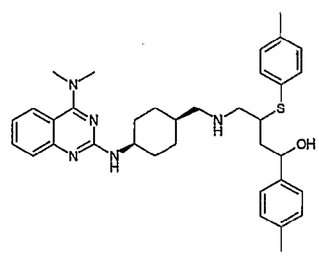
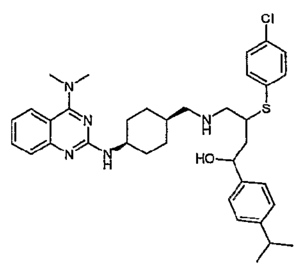
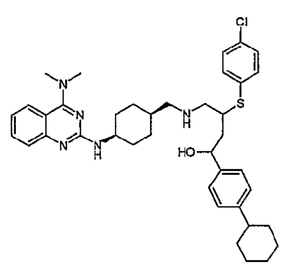
Example No.	Structure	APCI-MS
1662		639 (M + H)
1663		659 (M + H)
1664		647 (M + H)
1665		633 (M + H)
1666		543 (M + H)

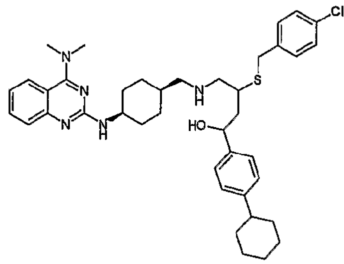
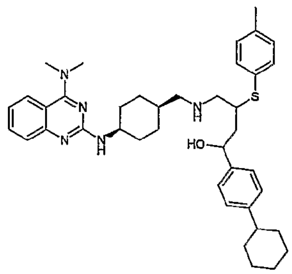
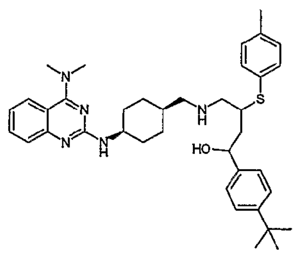
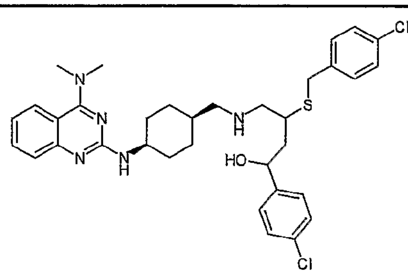
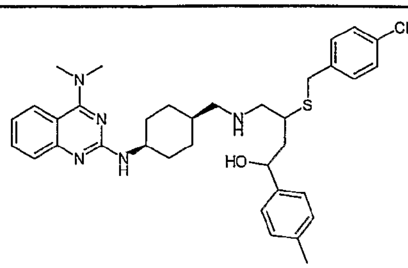
Example No.	Structure	APCI-MS
1667		577 (M + H)
1668		551 (M + H)
1669		554 (M + H)
1670		477 (M + H)
1671		463 (M + H)

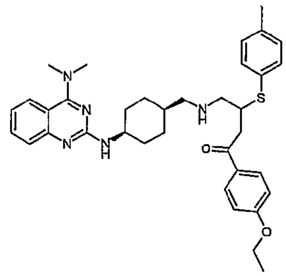
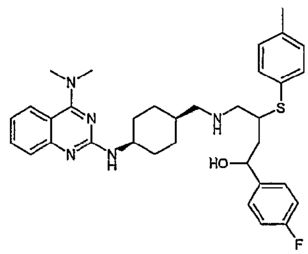
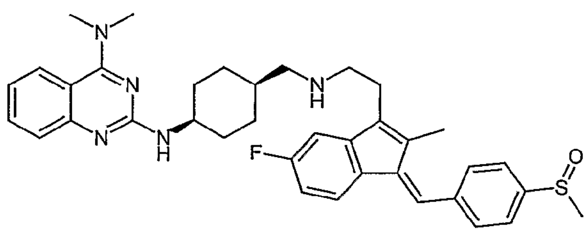
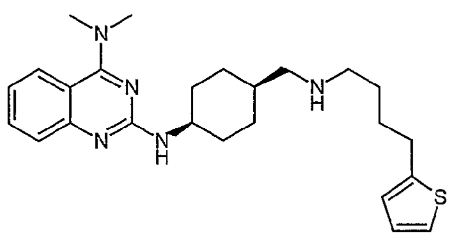
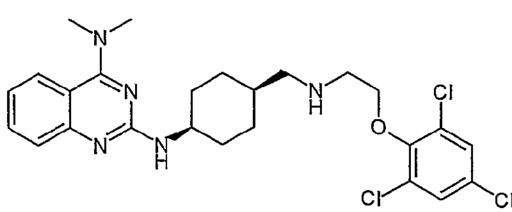
Example No.	Structure	APCI-MS
1672		446 (M + H)
1673		496 (M + H)
1674		496 (M + H)
1675		519 (M + H)
1676		530 (M + H)

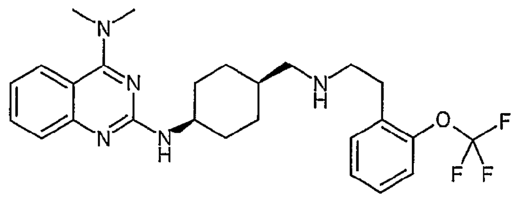
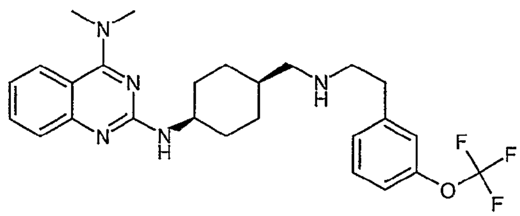
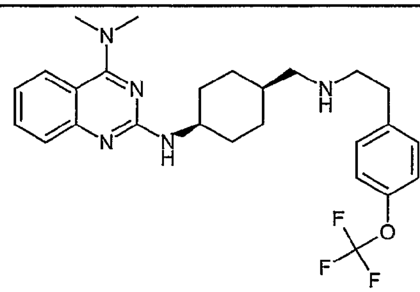
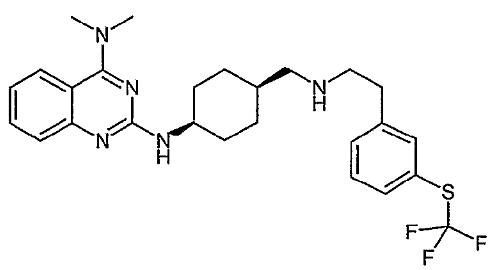
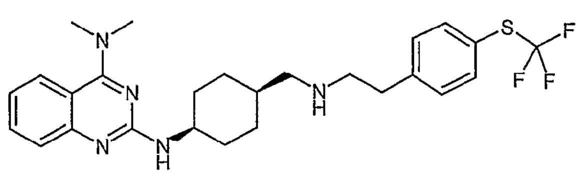
Example No.	Structure	APCI-MS
1677		574 (M + H)
1678		437 (M + H)
1679		419 (M + H)
1680		548 (M + H)
1681		672 (M + H)

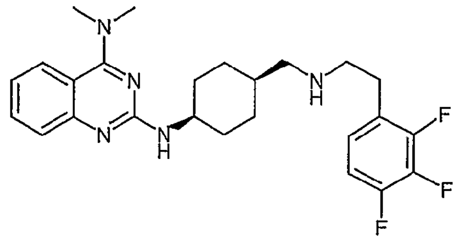
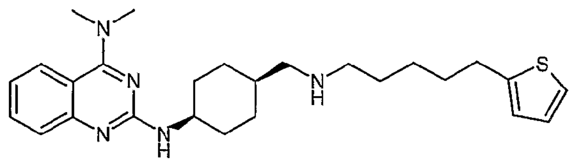
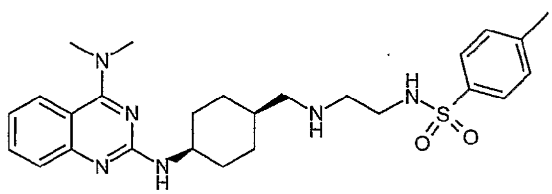
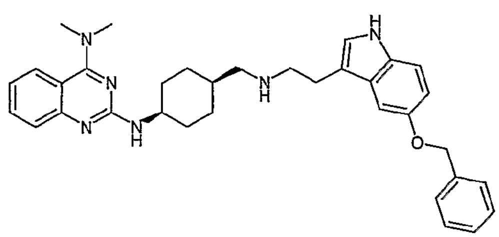
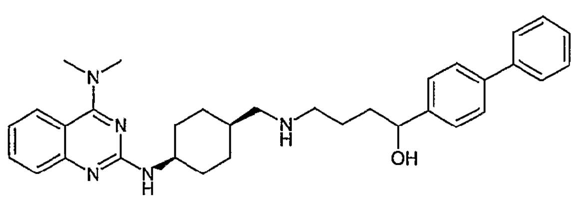
Example No.	Structure	APCI-MS
1682		540 (M + H)
1683		540 (M + H)
1684		524 (M + H)
1685		512 (M + H)
1686		632 (M + H)

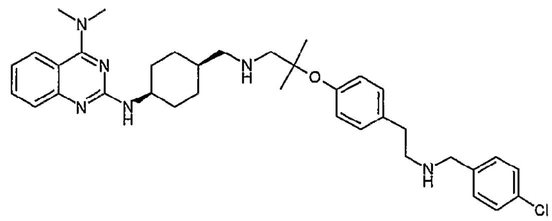
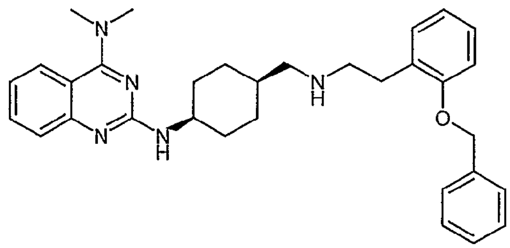
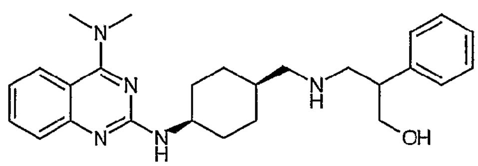
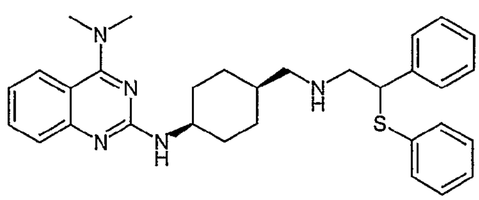
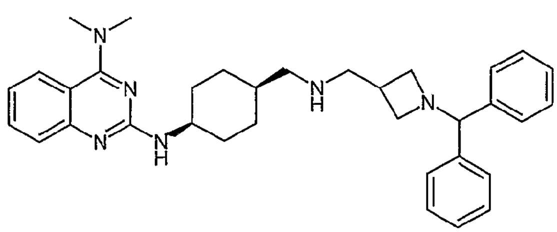
Example No.	Structure	APCI-MS
1687		646 (M + H)
1688		648 (M + H)
1689		584 (M + H)
1690		632 (M + H)
1691		672 (M + H)

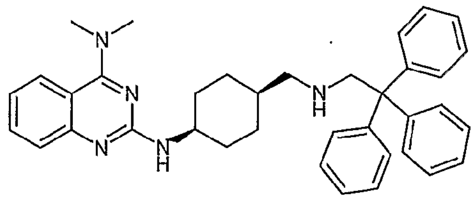
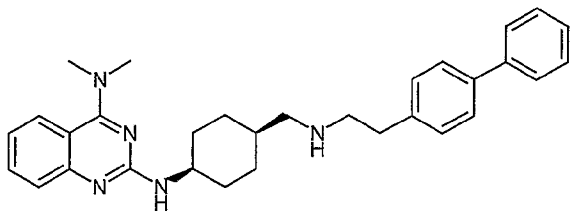
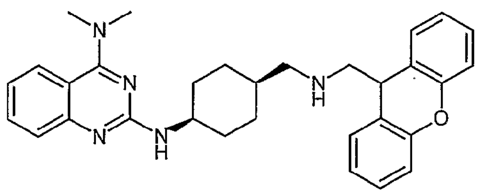
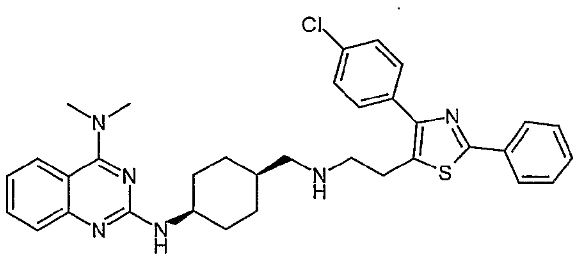
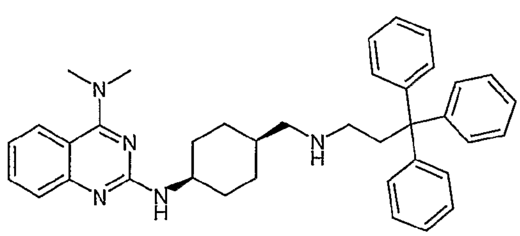
Example No.	Structure	APCI-MS
1692		686 (M + H)
1693		652 (M + H)
1694		626 (M + H)
1695		638 (M + H)
1696		618 (M + H)

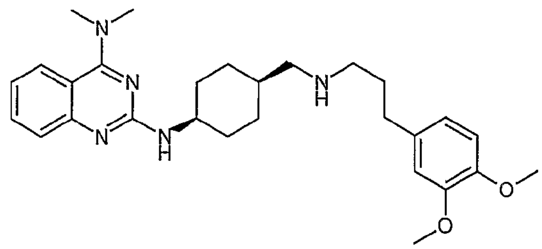
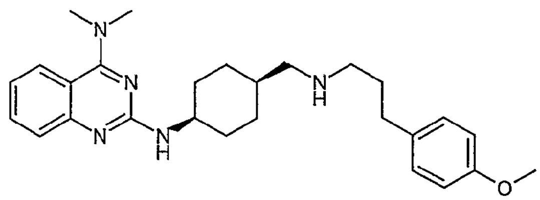
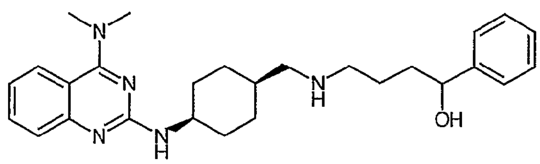
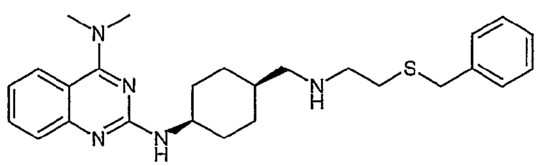
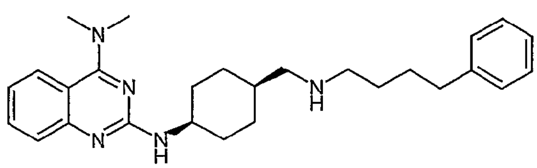
Example No.	Structure	APCI-MS
1697		612 (M + H)
1698		588 (M + H)
1699		624 (M + H)
1700		438 (M + H)
1701		522 (M + H)

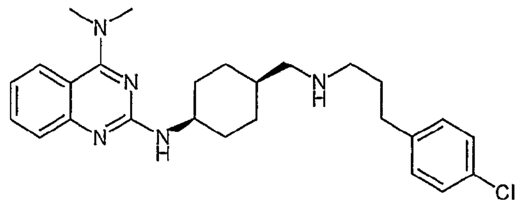
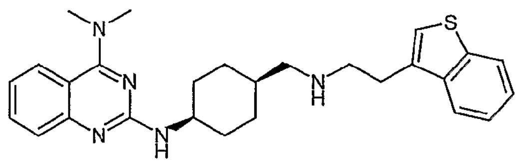
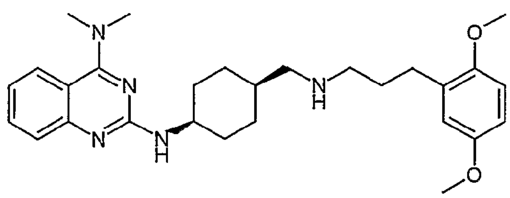
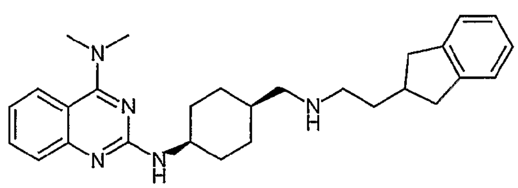
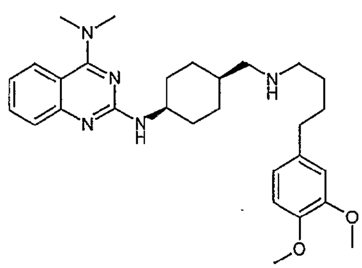
Example No.	Structure	APCI-MS
1702		488 (M + H)
1703		488 (M + H)
1704		488 (M + H)
1705		504 (M + H)
1706		504 (M + H)

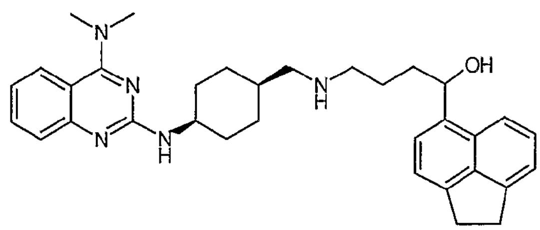
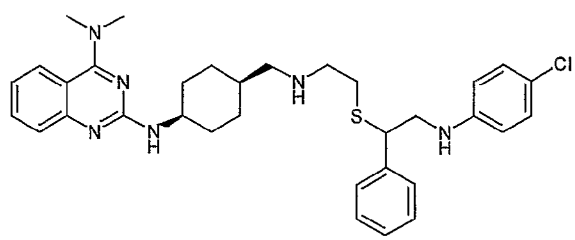
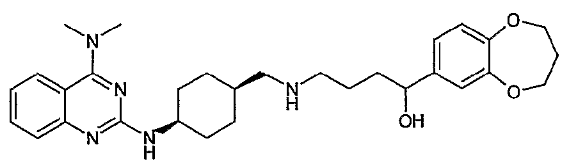
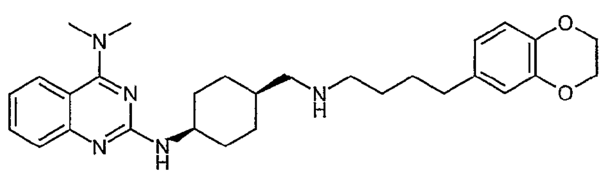
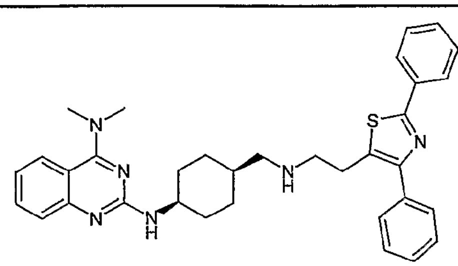
Example No.	Structure	APCI-MS
1707		458 (M + H)
1708		452 (M + H)
1709		497 (M + H)
1710		549 (M + H)
1711		524 (M + H)

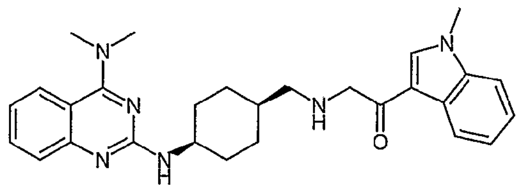
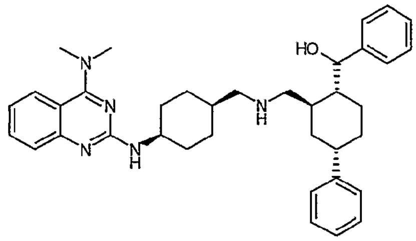
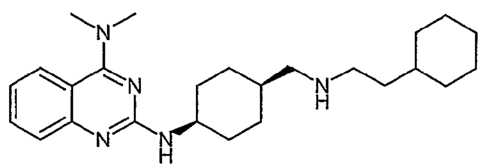
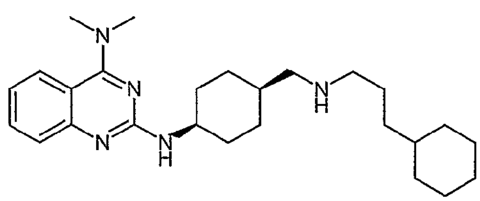
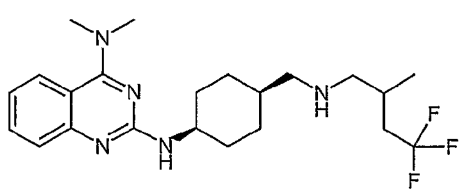
Example No.	Structure	APCI-MS
1712		615 (M + H)
1713		510 (M + H)
1714		434 (M + H)
1715		512 (M + H)
1716		535 (M + H)

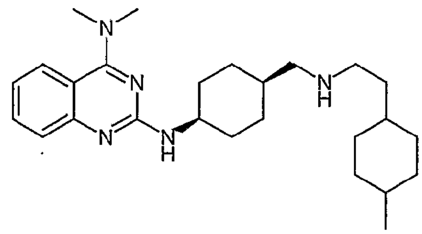
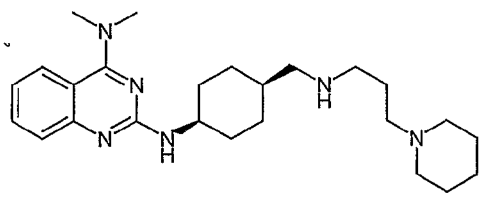
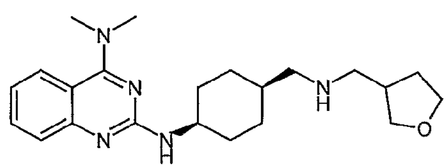
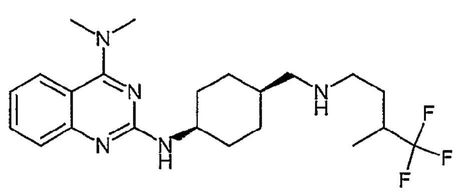
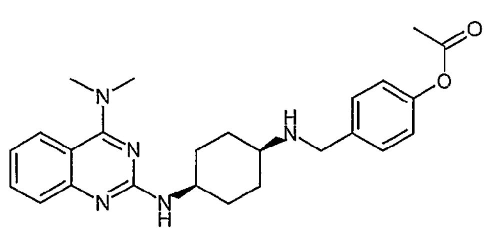
Example No.	Structure	APCI-MS
1717		556 (M + H)
1718		480 (M + H)
1719		494 (M + H)
1720		597 (M + H)
1721		570 (M + H)

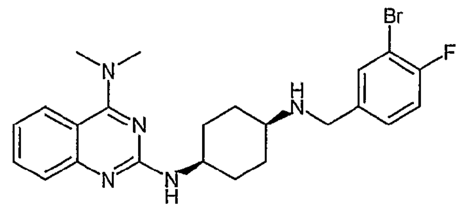
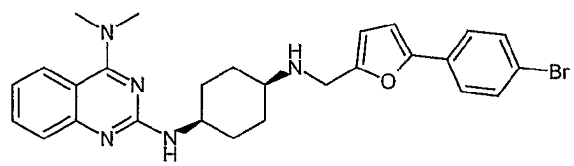
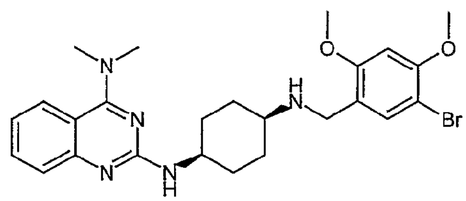
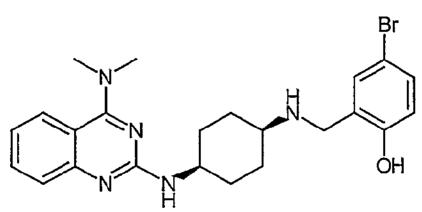
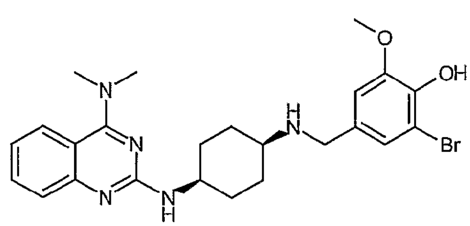
Example No.	Structure	APCI-MS
1722		478 (M + H)
1723		448 (M + H)
1724		448 (M + H)
1725		450 (M + H)
1726		432 (M + H)

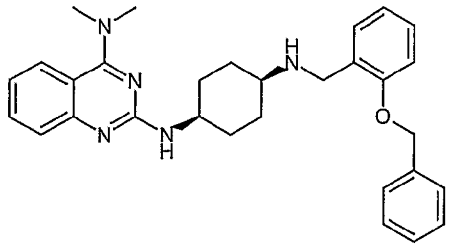
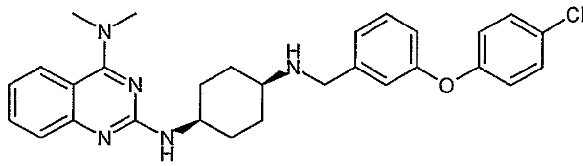
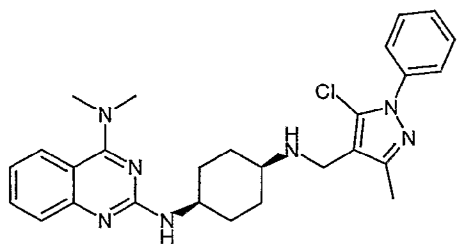
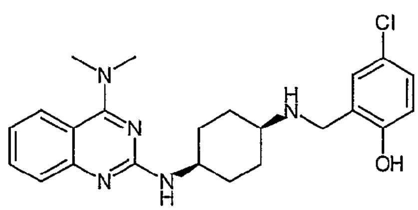
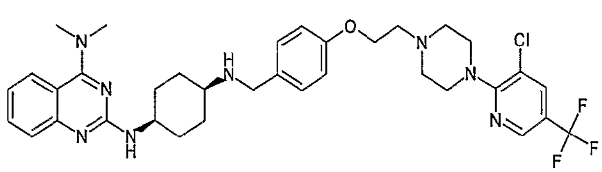
Example No.	Structure	APCI-MS
1727		452 (M + H)
1728		460 (M + H)
1729		478 (M + H)
1730		444 (M + H)
1731		492 (M + H)

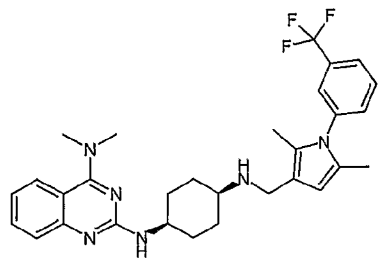
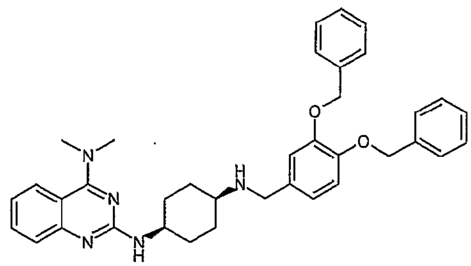
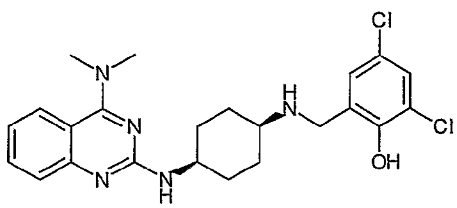
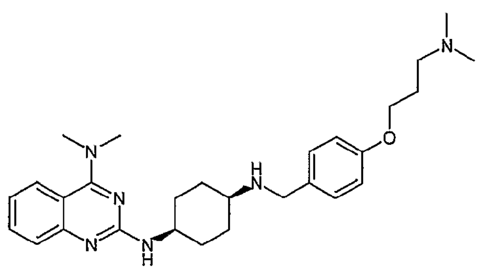
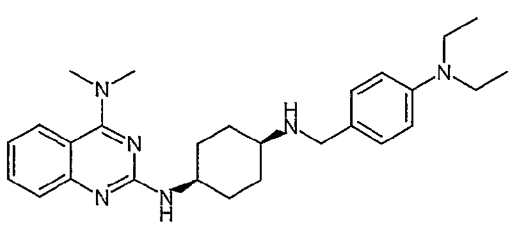
Example No.	Structure	APCI-MS
1732		524 (M + H)
1733		589 (M + H)
1734		520 (M + H)
1735		490 (M + H)
1736		563 (M + H)

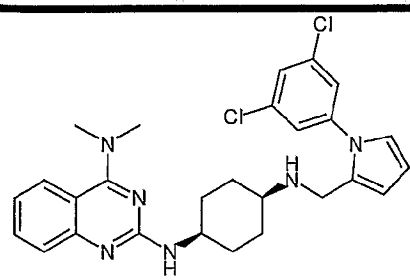
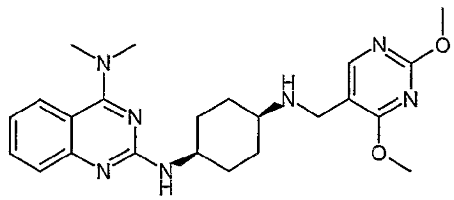
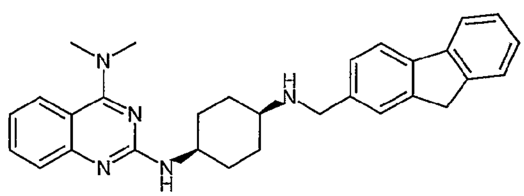
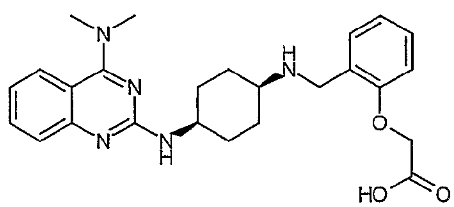
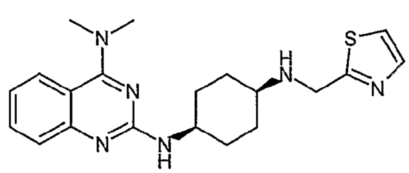
Example No.	Structure	APCI-MS
1737		471 (M + H)
1738		578 (M + H)
1739		410 (M + H)
1740		424 (M + H)
1741		424 (M + H)

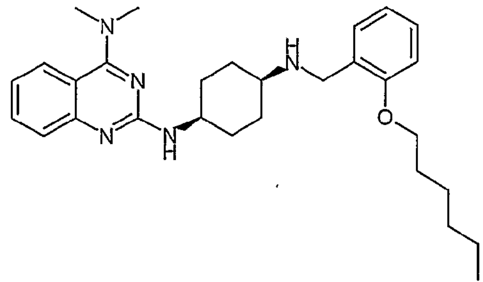
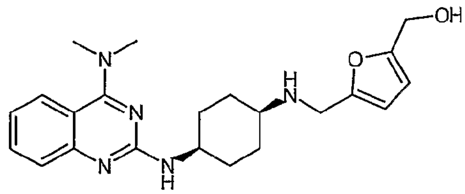
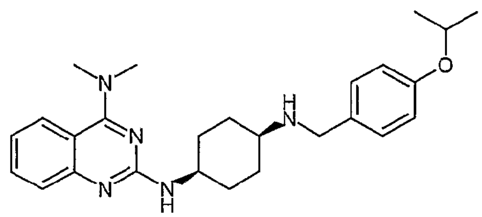
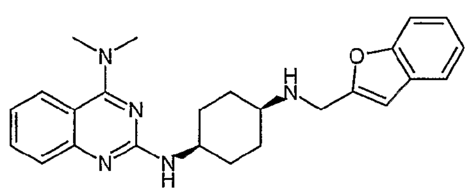
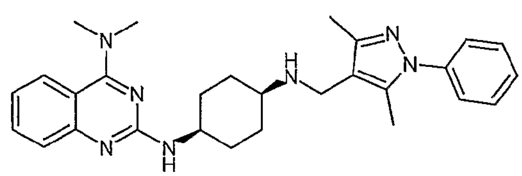
Example No.	Structure	APCI-MS
1742		424 (M + H)
1743		447 (M + Na)
1744		384 (M + H)
1745		424 (M + H)
1746		434 (M + H)

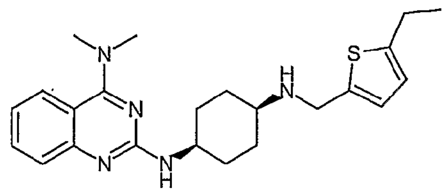
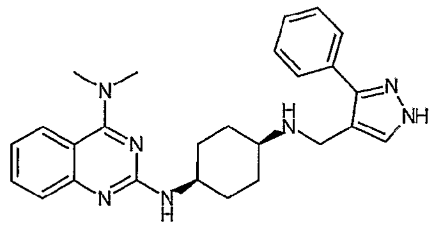
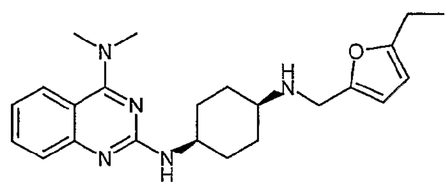
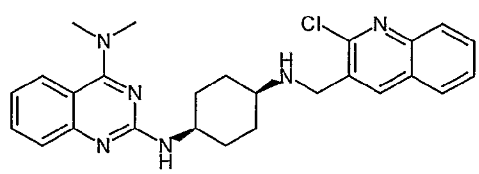
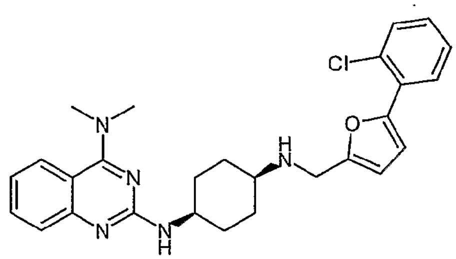
Example No.	Structure	APCI-MS
1747		472 (M + H)
1748		520 (M + H)
1749		514 (M + H)
1750		470 (M + H)
1751		500 (M + H)

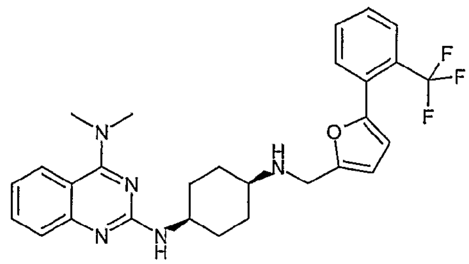
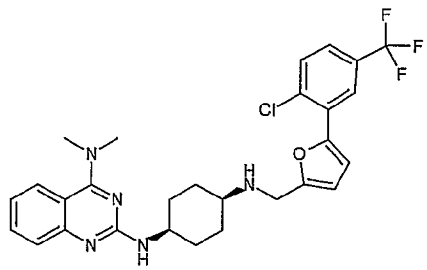
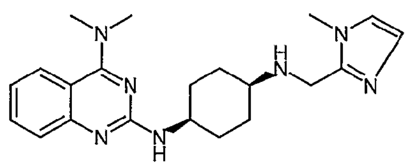
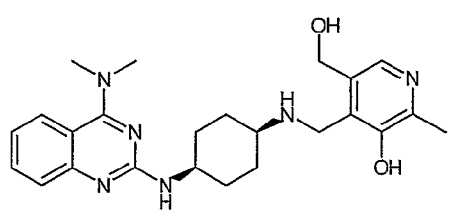
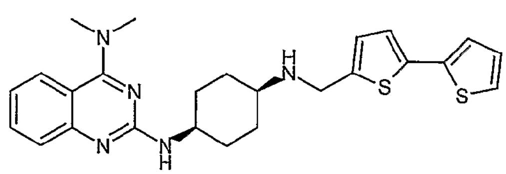
Example No.	Structure	APCI-MS
1752		482 (M + H)
1753		502 (M + H)
1754		490 (M + H)
1755		426 (M + H)
1756		683 (M + H)

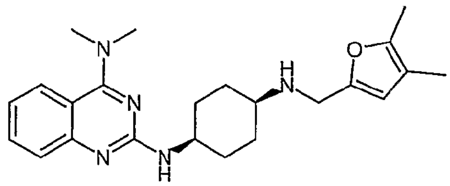
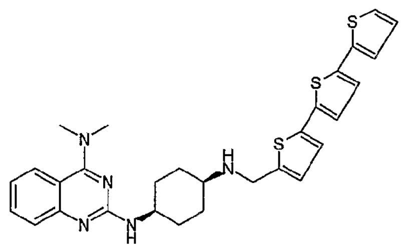
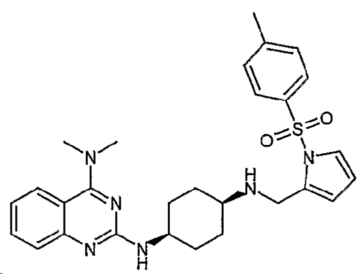
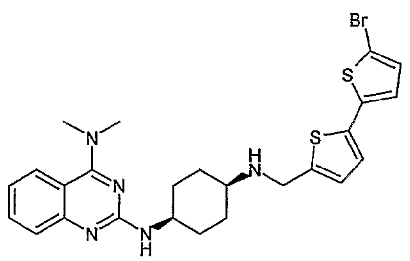
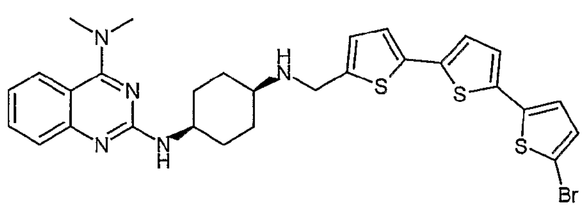
Example No.	Structure	APCI-MS
1757		537 (M + H)
1758		588 (M + H)
1759		460 (M + H)
1760		477 (M + H)
1761		447 (M + H)

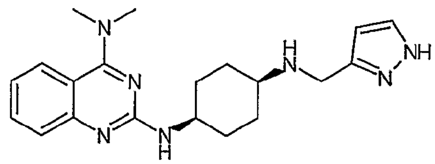
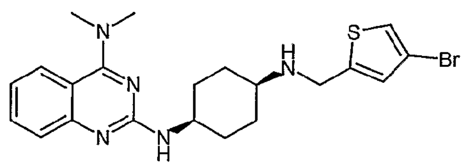
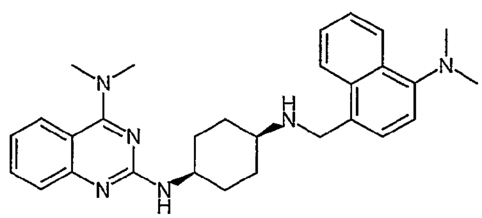
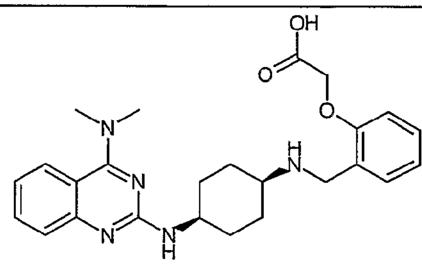
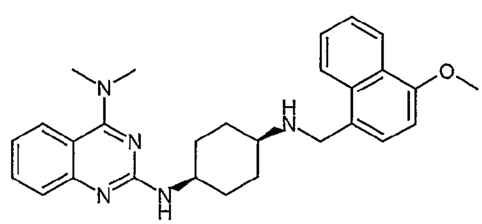
Example No.	Structure	APCI-MS
1762		509 (M + H)
1763		438 (M + H)
1764		464 (M + H)
1765		450 (M + H)
1766		383 (M + H)

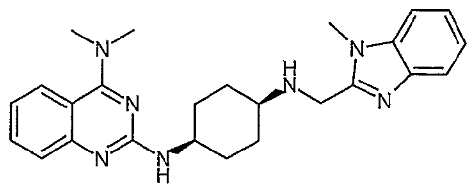
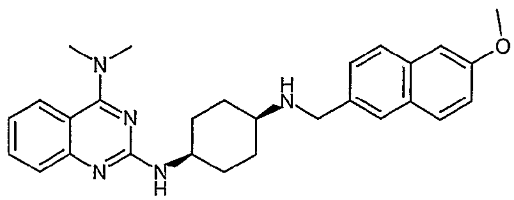
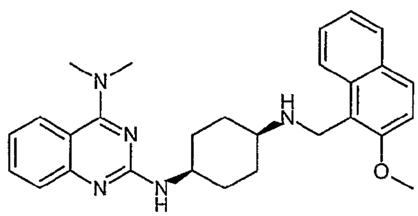
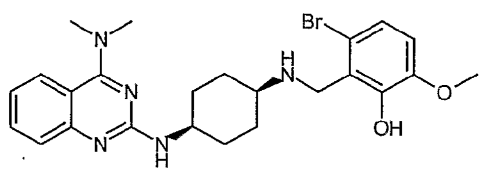
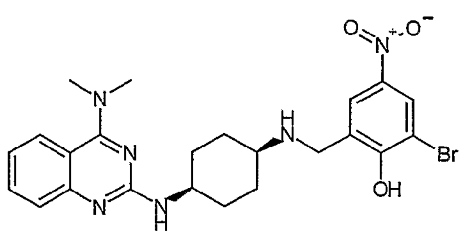
Example No.	Structure	APCI-MS
1767		476 (M + H)
1768		396 (M + H)
1769		434 (M + H)
1770		416 (M + H)
1771		470 (M + H)

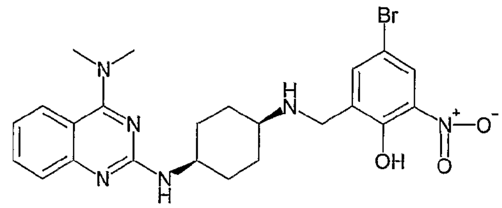
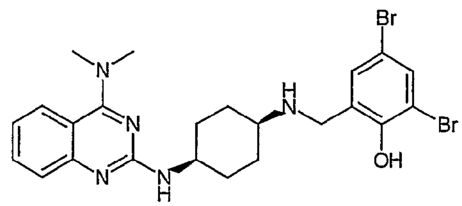
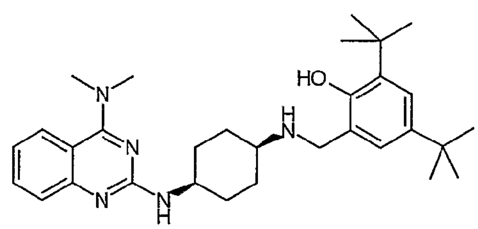
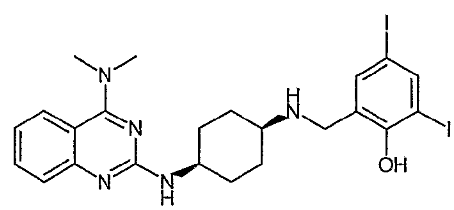
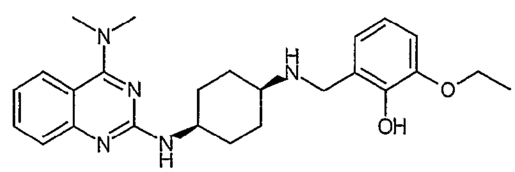
Example No.	Structure	APCI-MS
1772		410 (M + H)
1773		442 (M + H)
1774		394 (M + H)
1775		461 (M + H)
1776		476 (M + H)

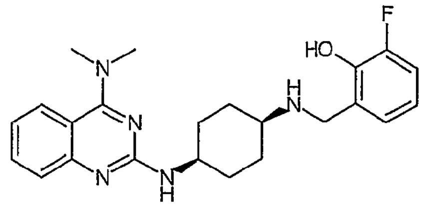
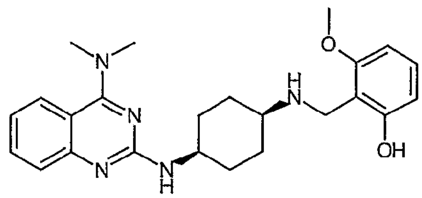
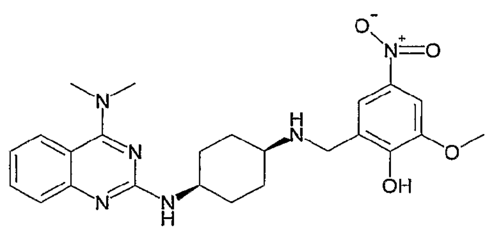
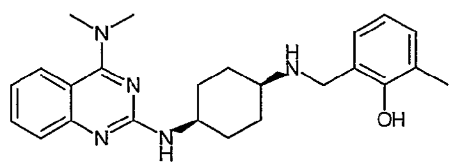
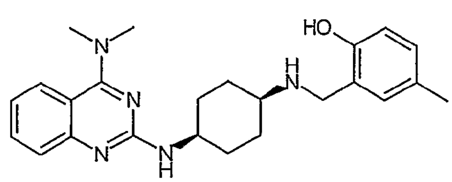
Example No.	Structure	APCI-MS
1777		510 (M + H)
1778		544 (M + H)
1779		380 (M + H)
1780		437 (M + H)
1781		464 (M + H)

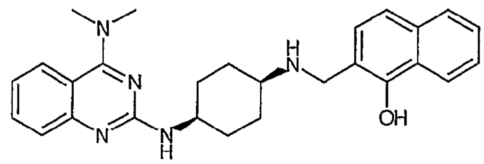
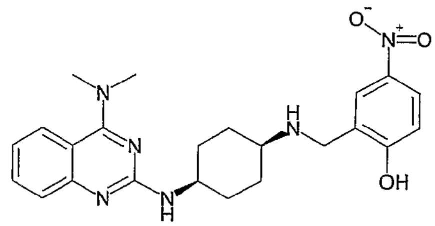
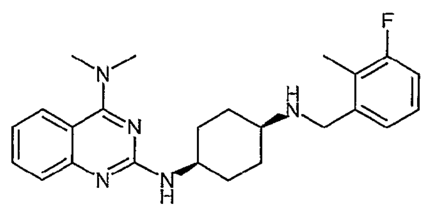
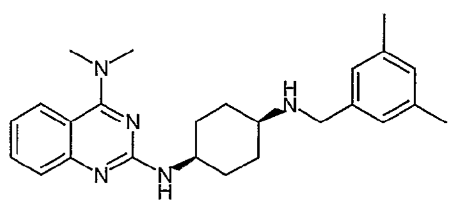
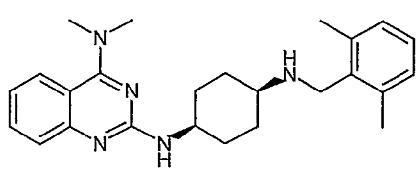
Example No.	Structure	APCI-MS
1782		394 (M + H)
1783		546 (M + H)
1784		519 (M + H)
1785		542 (M + H)
1786		624 (M + H)

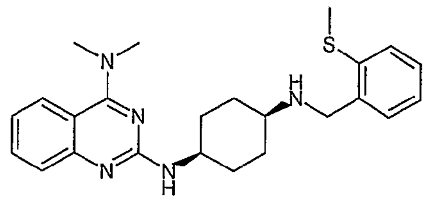
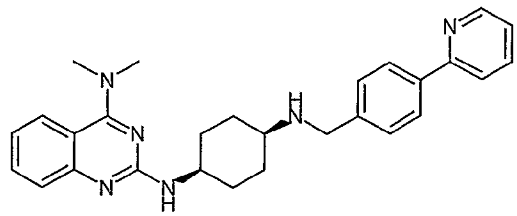
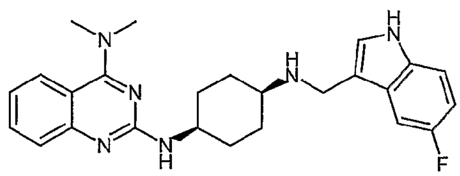
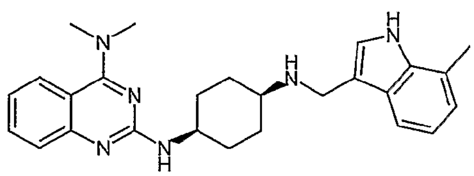
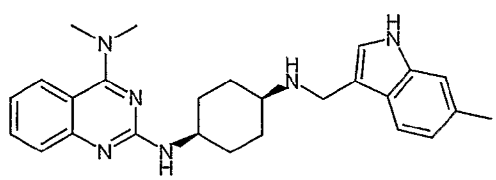
Example No.	Structure	APCI-MS
1787		366 (M + H)
1788		460 (M + H)
1789		469 (M + H)
1790		450 (M + H)
1791		456 (M + H)

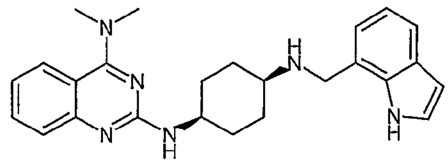
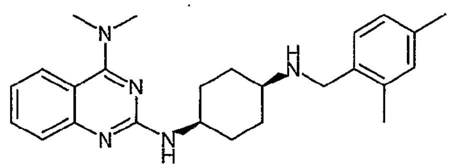
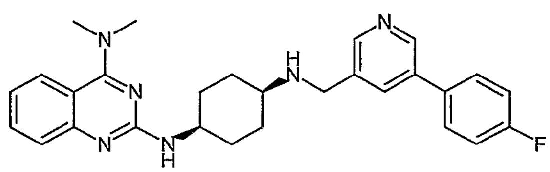
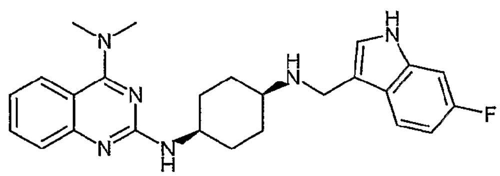
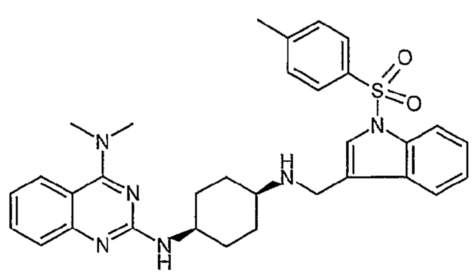
Example No.	Structure	APCI-MS
1792		430 (M + H)
1793		456 (M + H)
1794		456 (M + H)
1795		500 (M + H)
1796		537 (M + Na)

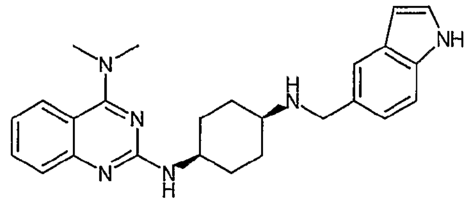
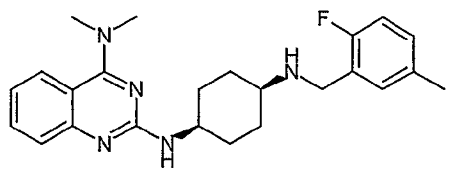
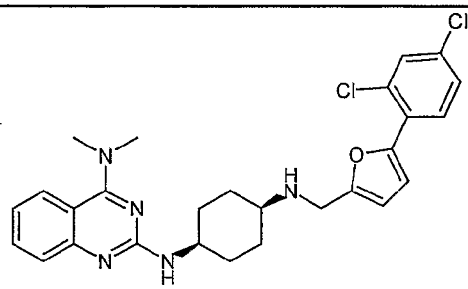
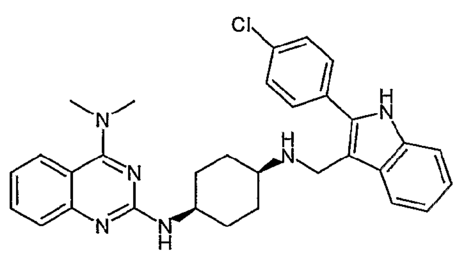
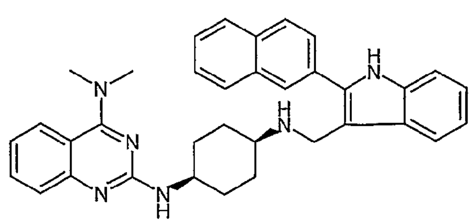
Example No.	Structure	APCI-MS
1797		537 (M + Na)
1798		548 (M + H)
1799		504 (M + H)
1800		644 (M + H)
1801		436 (M + H)

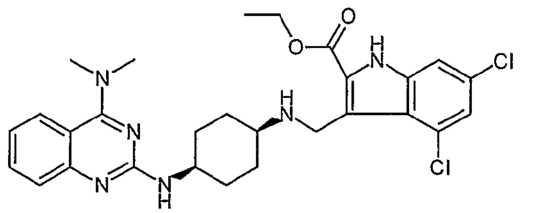
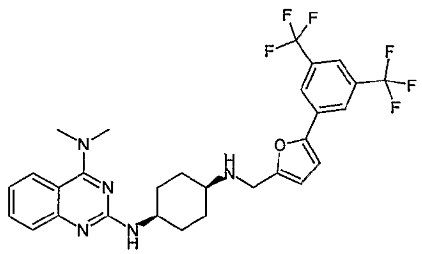
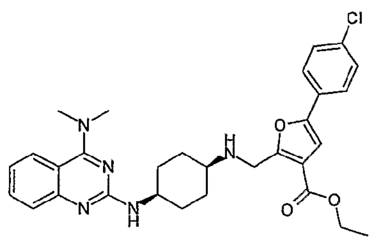
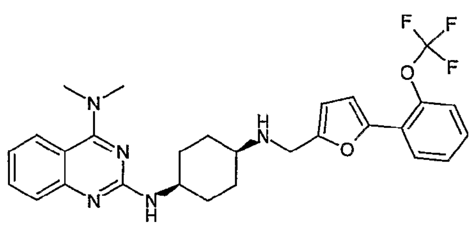
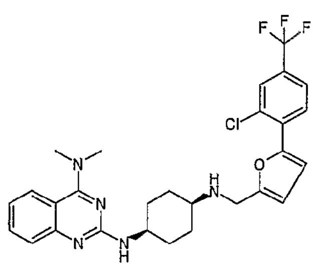
Example No.	Structure	APCI-MS
1802		410 (M + H)
1803		422 (M + H)
1804		467 (M + H)
1805		406 (M + H)
1806		406 (M + H)

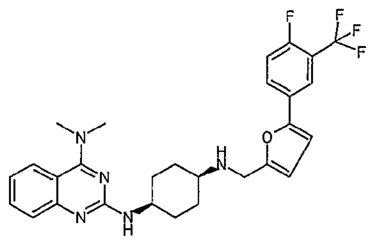
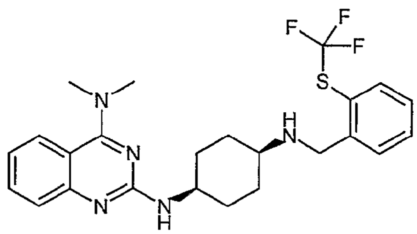
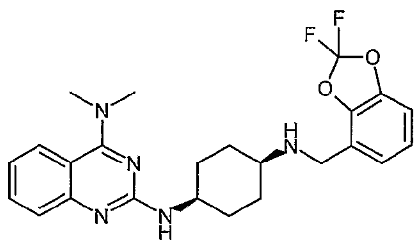
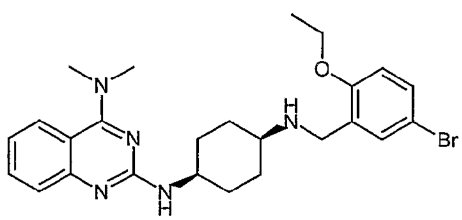
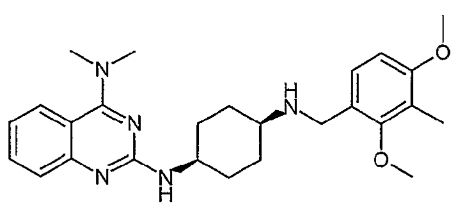
Example No.	Structure	APCI-MS
1807		440 (M - H)
1808		437 (M + H)
1809		408 (M + H)
1810		404 (M + H)
1811		404 (M + H)

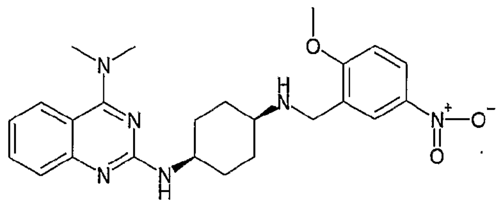
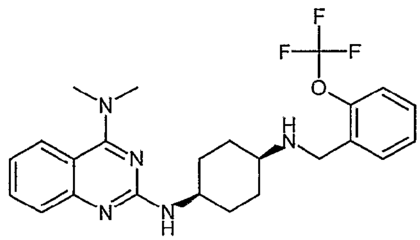
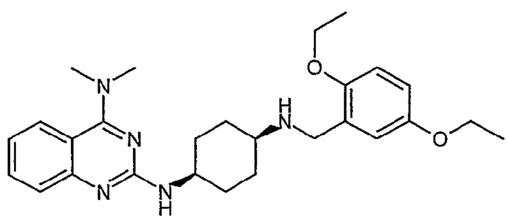
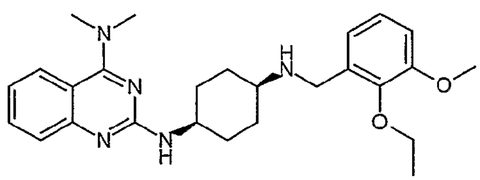
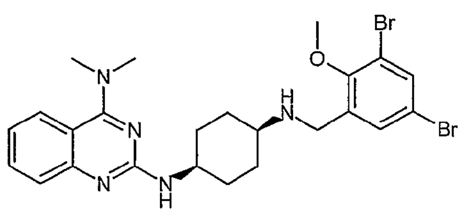
Example No.	Structure	APCI-MS
1812		422 (M + H)
1813		453 (M + H)
1814		433 (M + H)
1815		429 (M + H)
1816		429 (M + H)

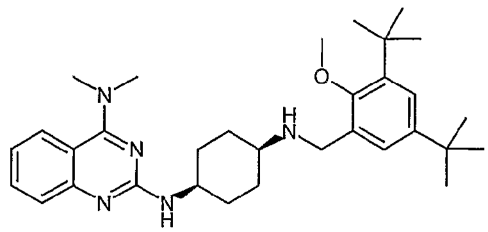
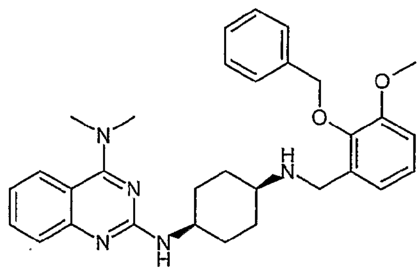
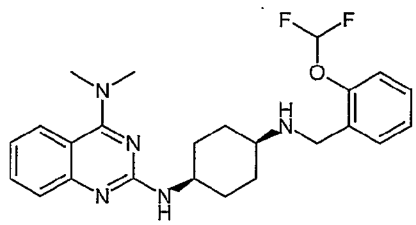
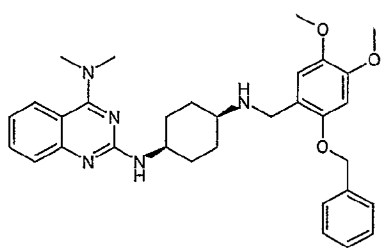
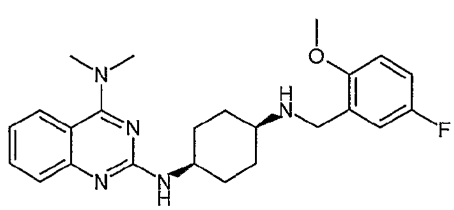
Example No.	Structure	APCI-MS
1817		415 (M + H)
1818		404 (M + H)
1819		471 (M + H)
1820		433 (M + H)
1821		569 (M + H)

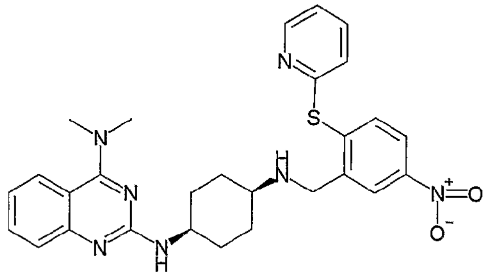
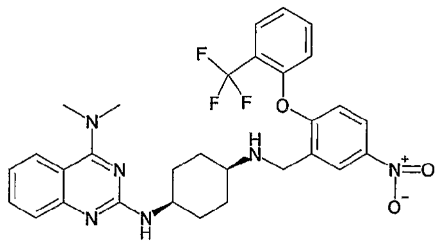
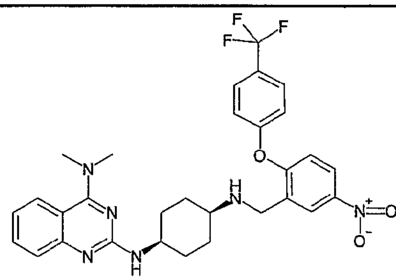
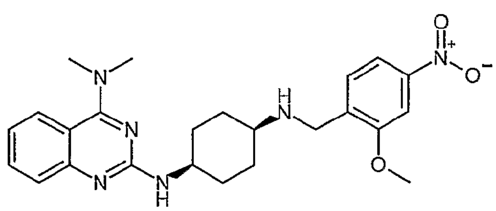
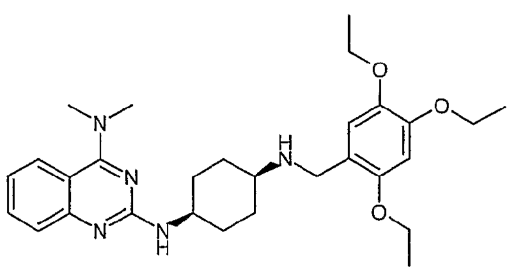
Example No.	Structure	APCI-MS
1822		415 (M + H)
1823		408 (M + H)
1824		510 (M + H)
1825		525 (M + H)
1826		541 (M + H)

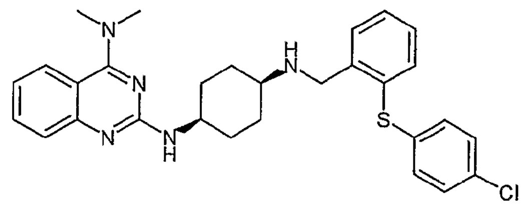
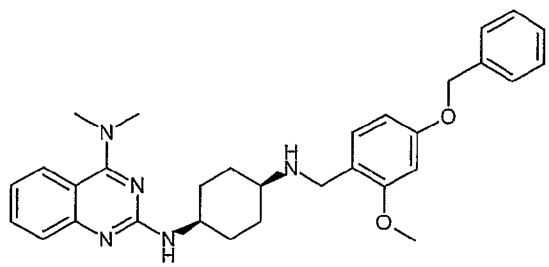
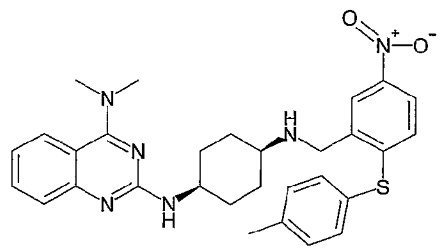
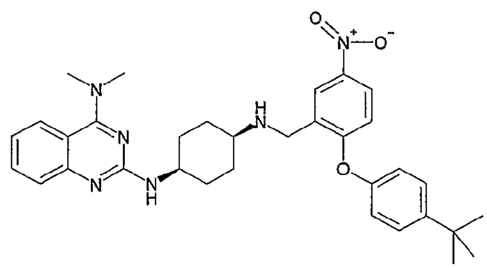
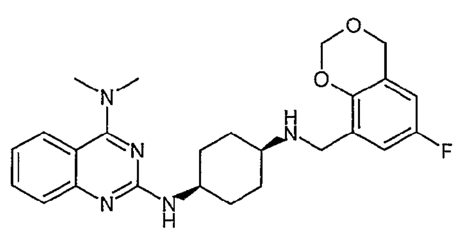
Example No.	Structure	APCI-MS
1827		555 (M + H)
1828		578 (M + H)
1829		548 (M + H)
1830		526 (M + H)
1831		544 (M + H)

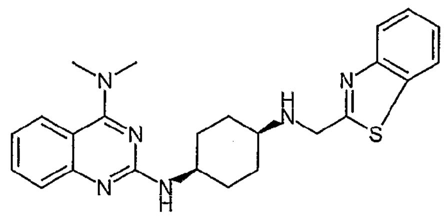
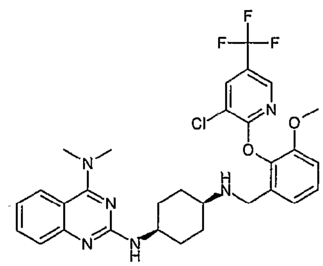
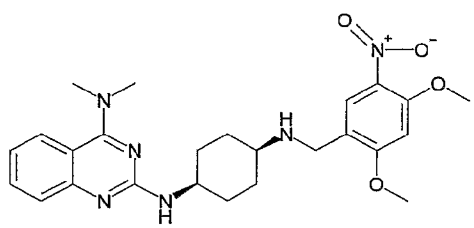
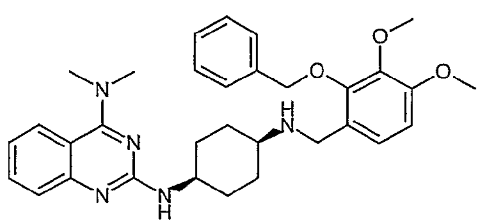
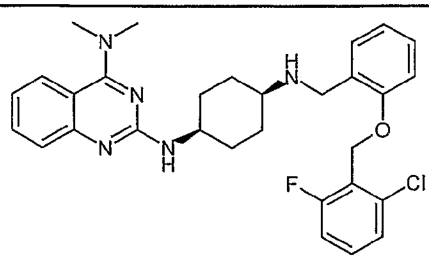
Example No.	Structure	APCI-MS
1832		528 (M + H)
1833		476 (M + H)
1834		456 (M + H)
1835		498 (M + H)
1836		450 (M + H)

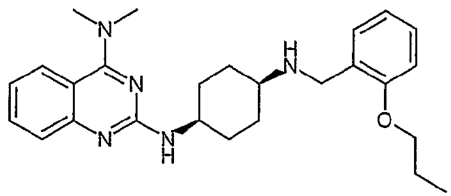
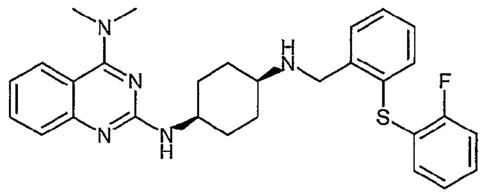
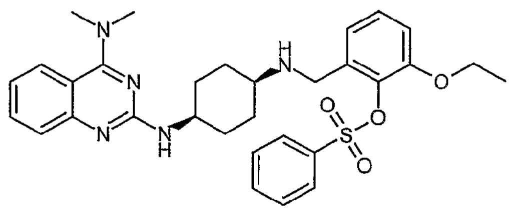
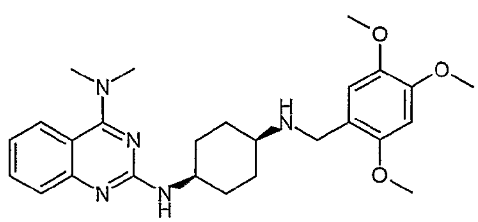
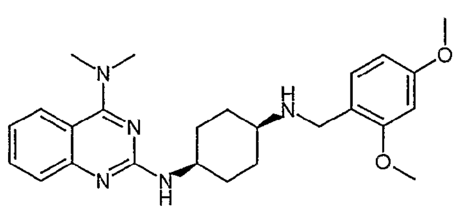
Example No.	Structure	APCI-MS
1837		451 (M + H)
1838		460 (M + H)
1839		464 (M + H)
1840		450 (M + H)
1841		562 (M + H)

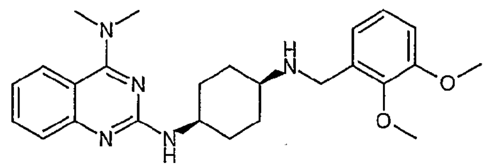
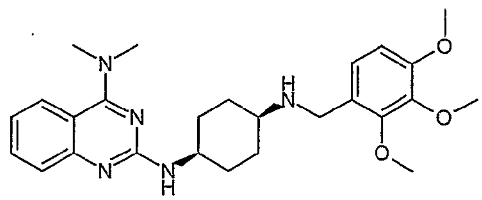
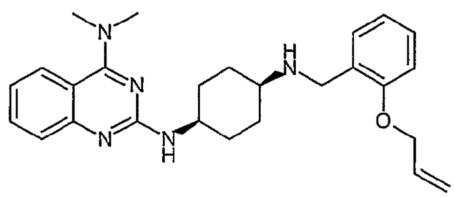
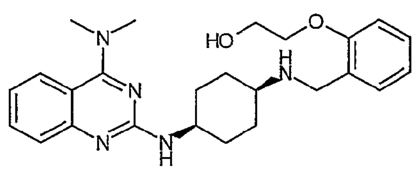
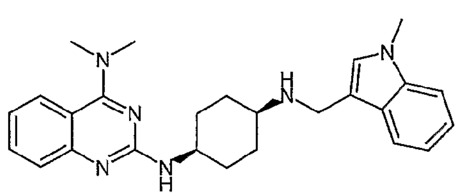
Example No.	Structure	APCI-MS
1842		518 (M + H)
1843		512 (M + H)
1844		442 (M + H)
1845		542 (M + H)
1846		424 (M + H)

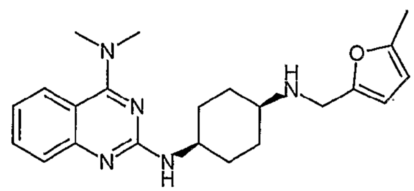
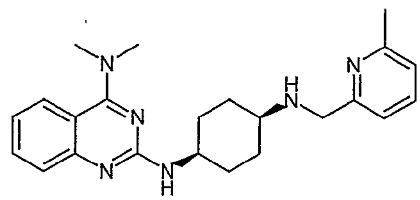
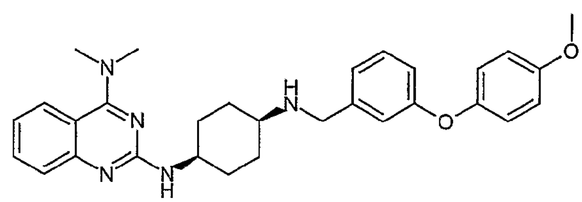
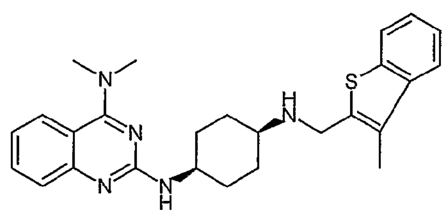
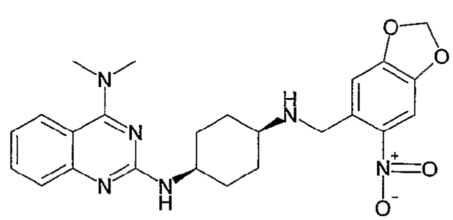
Example No.	Structure	APCI-MS
1847		530 (M + H)
1848		581 (M + H)
1849		581 (M + H)
1850		451 (M + H)
1851		508 (M + H)

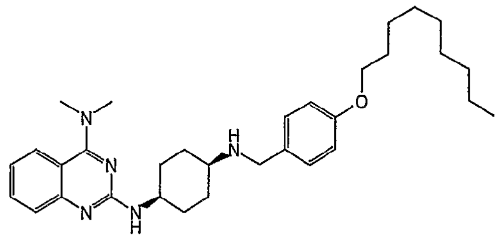
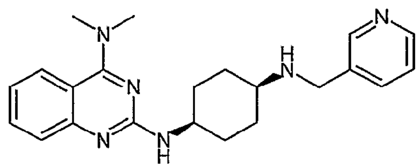
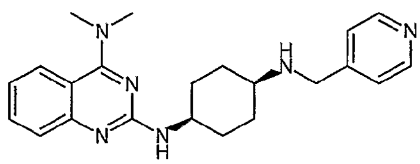
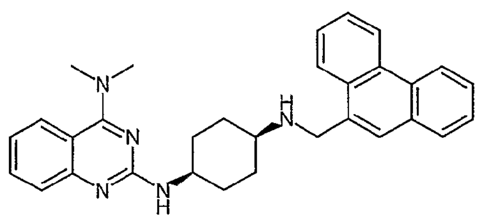
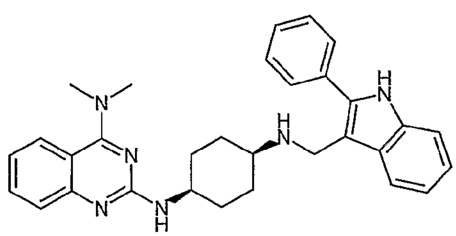
Example No.	Structure	APCI-MS
1852		518 (M + H)
1853		512 (M + H)
1854		543 (M + H)
1855		569 (M + H)
1856		452 (M + H)

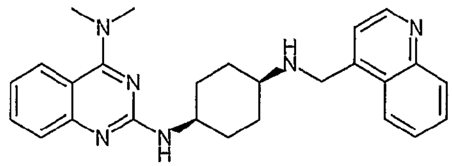
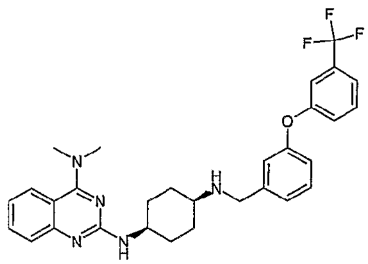
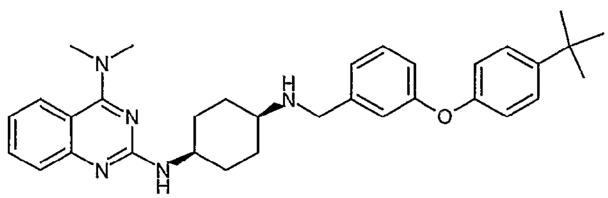
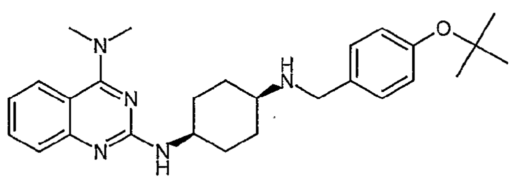
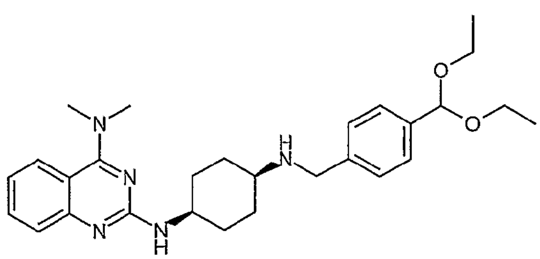
Example No.	Structure	APCI-MS
1857		433 (M + H)
1858		601 (M + H)
1859		481 (M + H)
1860		542 (M + H)
1861		534 (M + H)

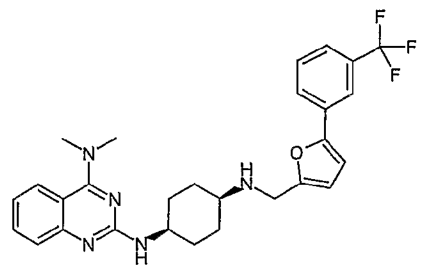
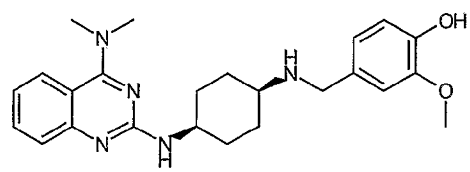
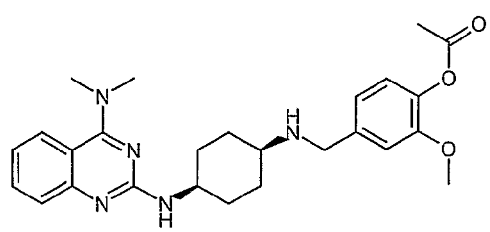
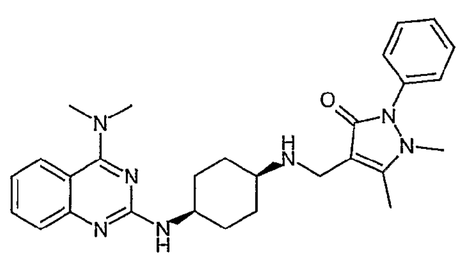
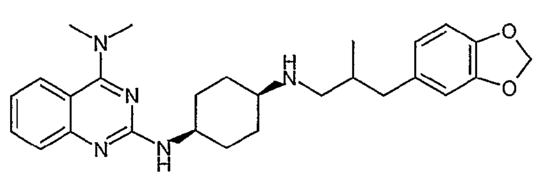
Example No.	Structure	APCI-MS
1862		434 (M + H)
1863		502 (M + H)
1864		576 (M + H)
1865		466 (M + H)
1866		436 (M + H)

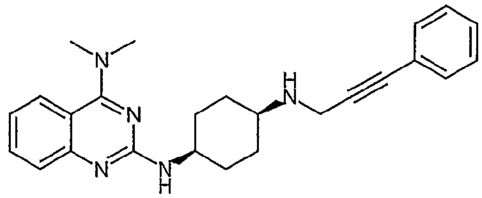
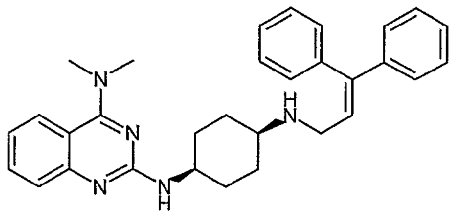
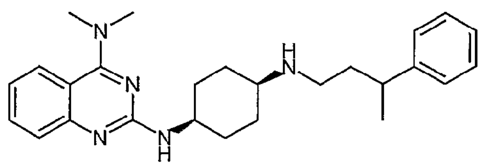
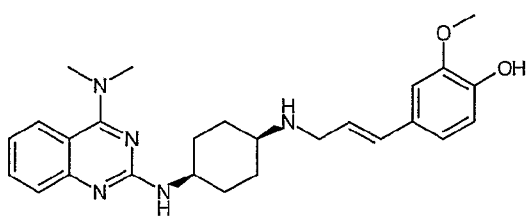
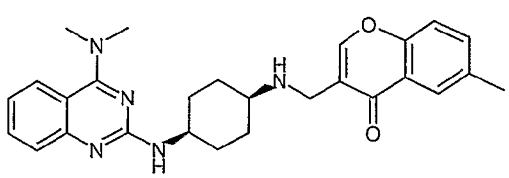
Example No.	Structure	APCI-MS
1867		436 (M + H)
1868		466 (M + H)
1869		432 (M + H)
1870		436 (M + H)
1871		429 (M + H)

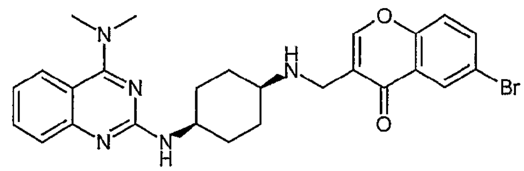
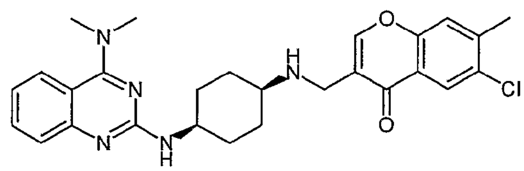
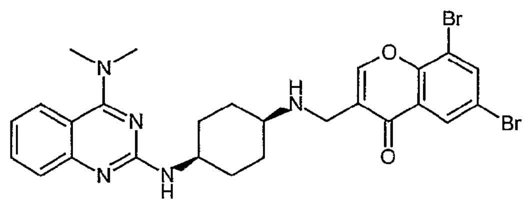
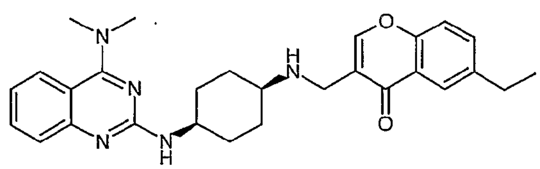
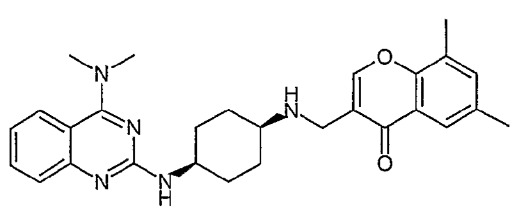
Example No.	Structure	APCI-MS
1872		380 (M + H)
1873		391 (M + H)
1874		498 (M + H)
1875		446 (M + H)
1876		465 (M + H)

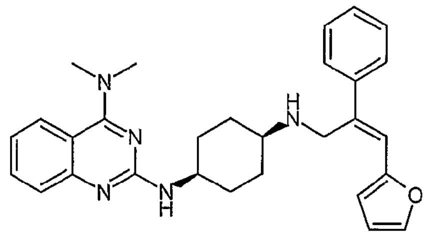
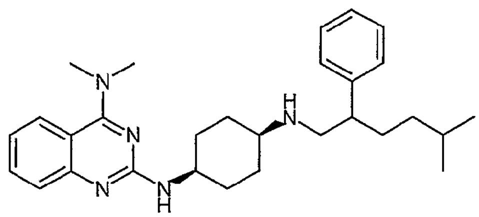
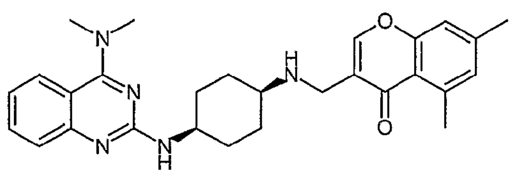
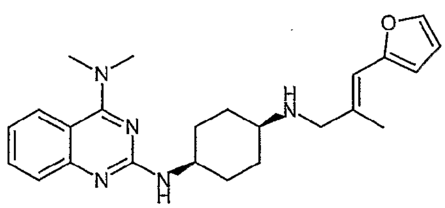
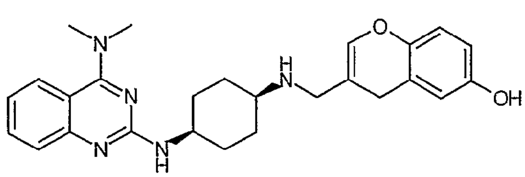
Example No.	Structure	APCI-MS
1877		518 (M + H)
1878		377 (M + H)
1879		377 (M + H)
1880		476 (M + H)
1881		491 (M + H)

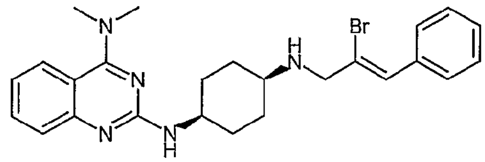
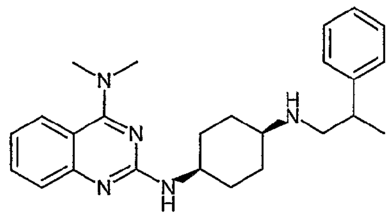
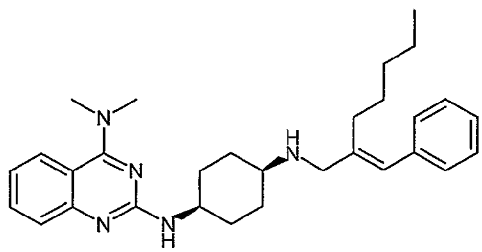
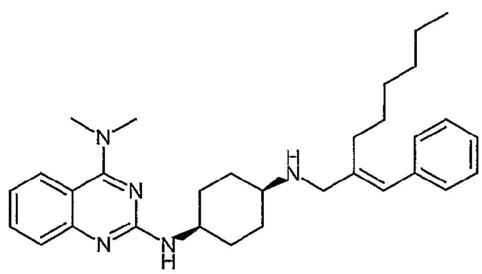
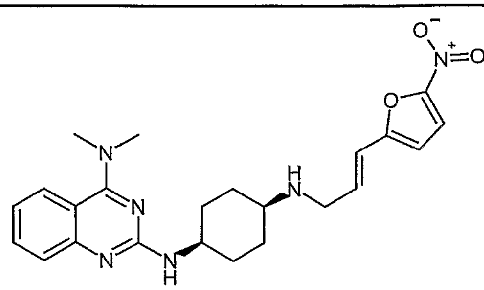
Example No.	Structure	APCI-MS
1882		427 (M + H)
1883		536 (M + H)
1884		524 (M + H)
1885		448 (M + H)
1886		478 (M + H)

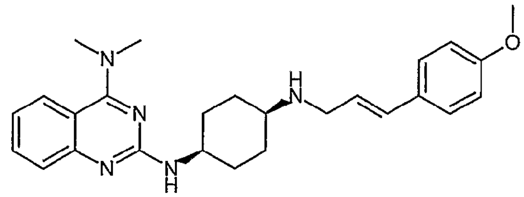
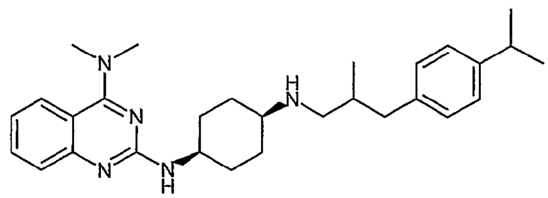
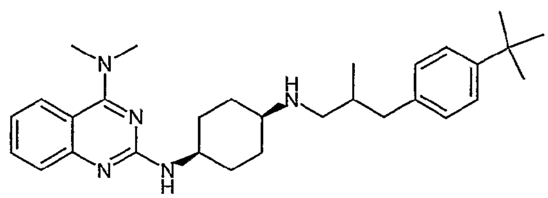
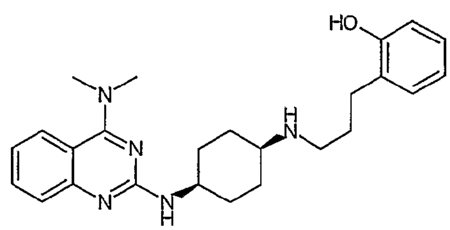
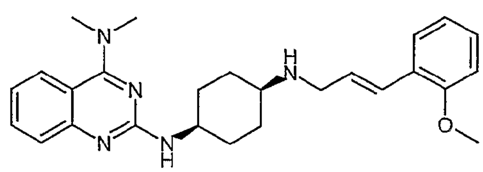
Example No.	Structure	APCI-MS
1887		510 (M + H)
1888		422 (M + H)
1889		464 (M + H)
1890		486 (M + H)
1891		462 (M + H)

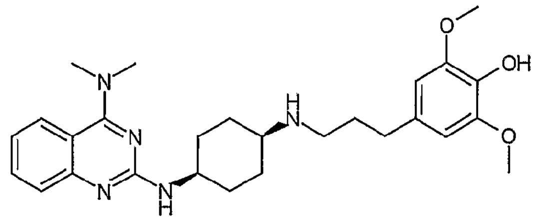
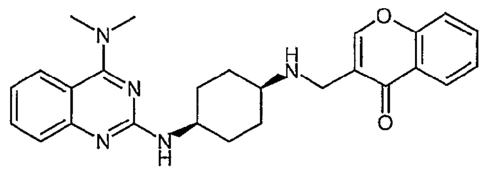
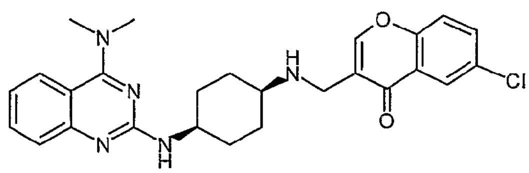
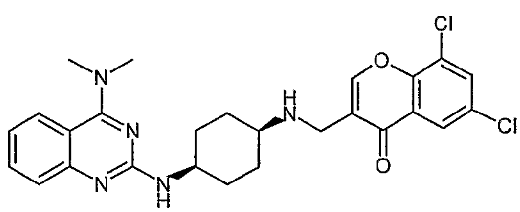
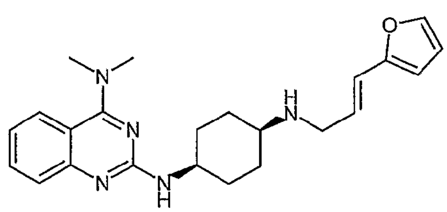
Example No.	Structure	APCI-MS
1892		400 (M + H)
1893		478 (M + H)
1894		418 (M + H)
1895		448 (M + H)
1896		458 (M + H)

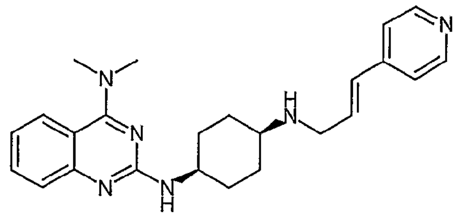
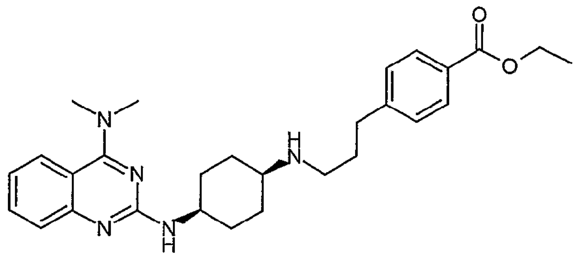
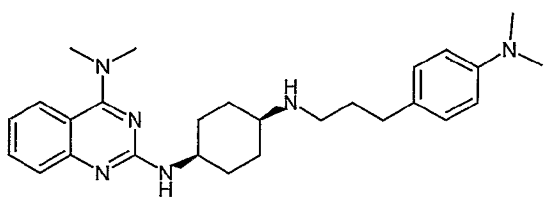
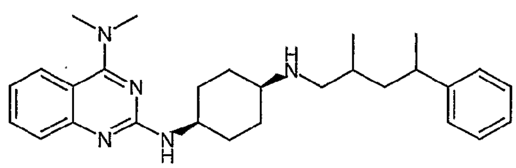
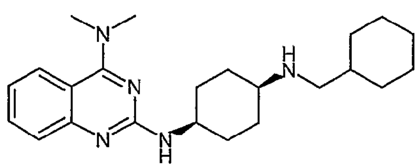
Example No.	Structure	APCI-MS
1897		522 (M + H)
1898		492 (M + H)
1899		600 (M + H)
1900		472 (M + H)
1901		472 (M + H)

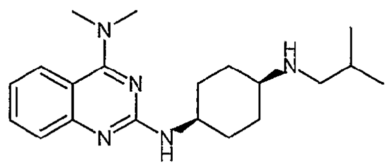
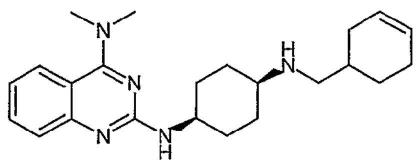
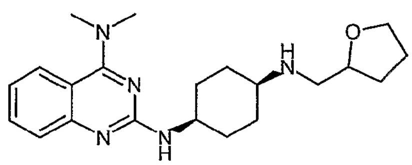
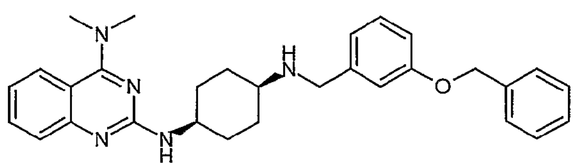
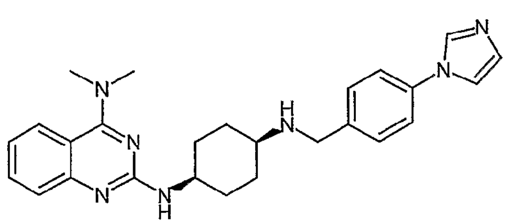
Example No.	Structure	APCI-MS
1902		468 (M + H)
1903		460 (M + H)
1904		472 (M + H)
1905		406 (M + H)
1906		446 (M + H)

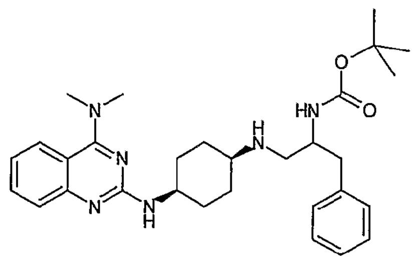
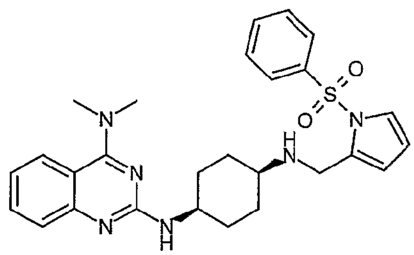
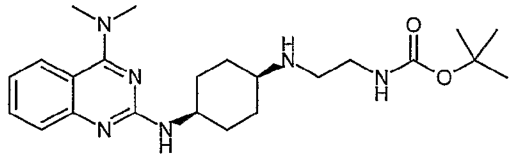
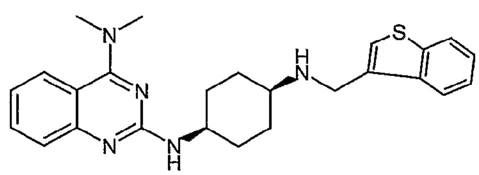
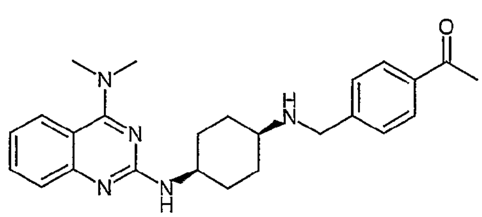
Example No.	Structure	APCI-MS
1907		480 (M + H)
1908		404 (M + H)
1909		472 (M + H)
1910		486 (M + H)
1911		437 (M + H)

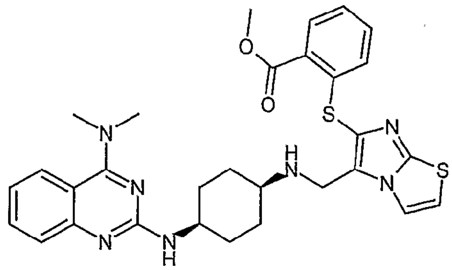
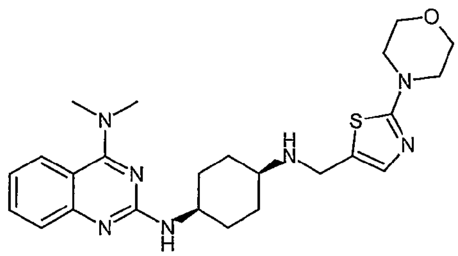
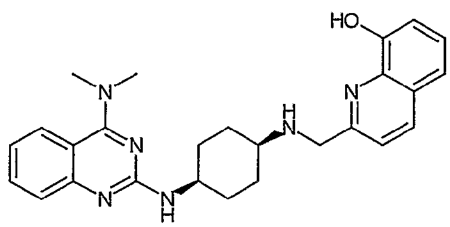
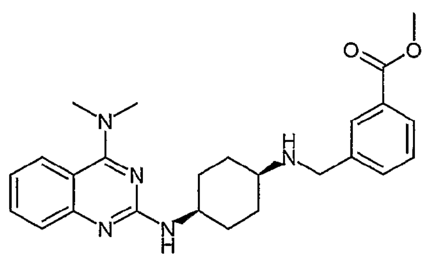
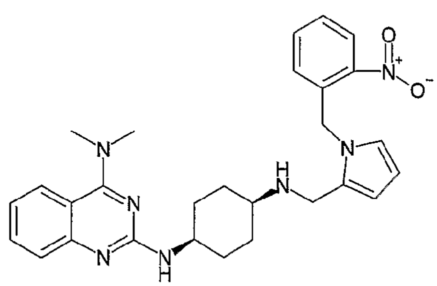
Example No.	Structure	APCI-MS
1912		432 (M + H)
1913		460 (M + H)
1914		474 (M + H)
1915		420 (M + H)
1916		432 (M + H)

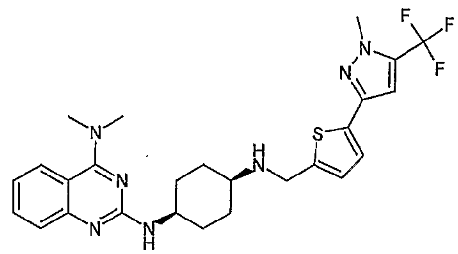
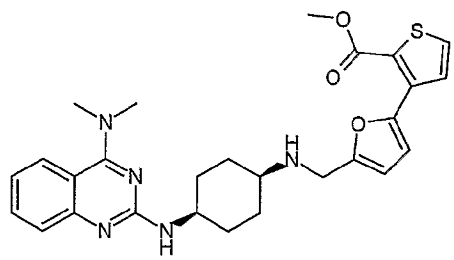
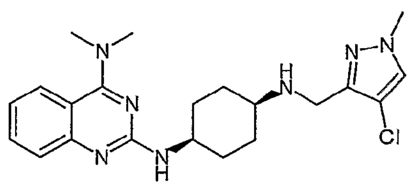
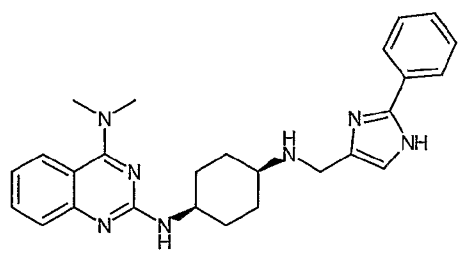
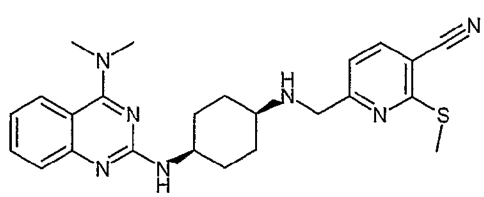
Example No.	Structure	APCI-MS
1917		480 (M + H)
1918		444 (M + H)
1919		478 (M + H)
1920		512 (M + H)
1921		392 (M + H)

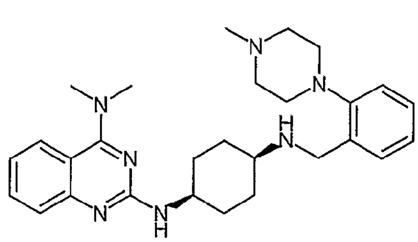
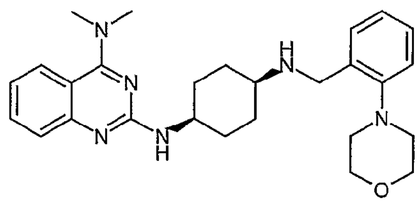
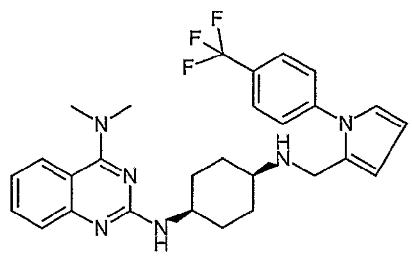
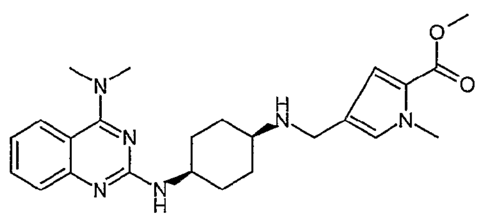
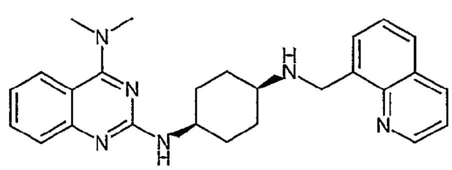
Example No.	Structure	APCI-MS
1922		403 (M + H)
1923		476 (M + H)
1924		447 (M + H)
1925		446 (M + H)
1926		382 (M + H)

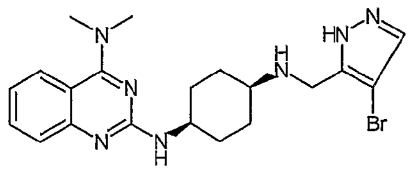
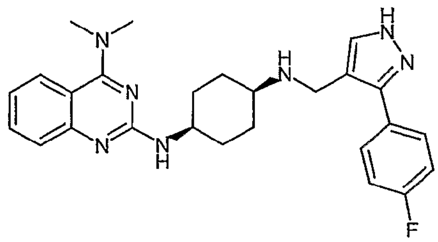
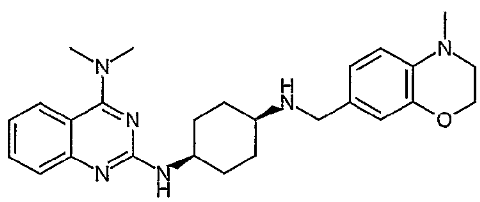
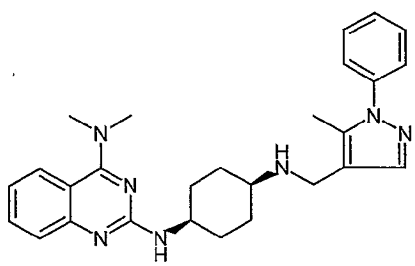
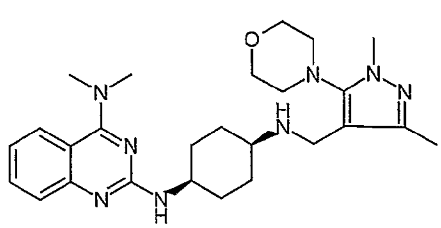
Example No.	Structure	APCI-MS
1927		342 (M + H)
1928		380 (M + H)
1929		370 (M + H)
1930		482 (M + H)
1931		442 (M + H)

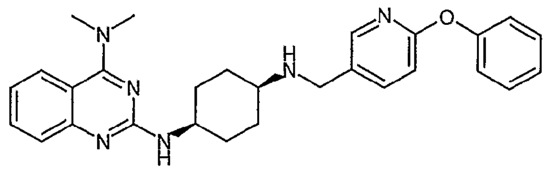
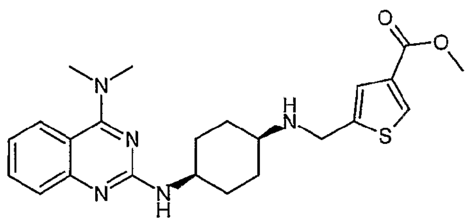
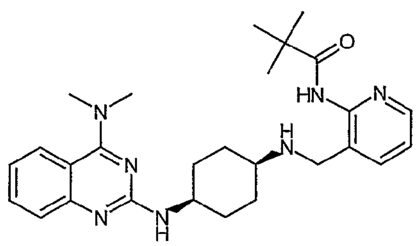
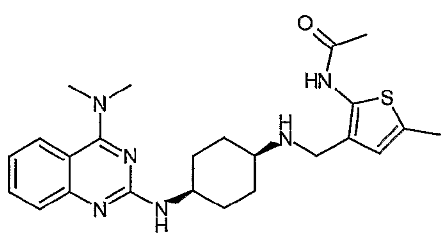
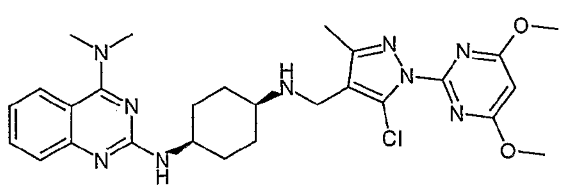
Example No.	Structure	APCI-MS
1932		519 (M + H)
1933		505 (M + H)
1934		429 (M + H)
1935		432 (M + H)
1936		418 (M + H)

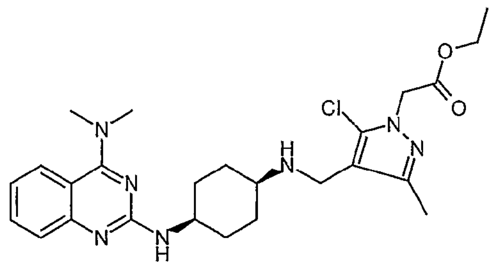
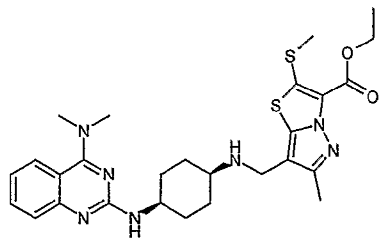
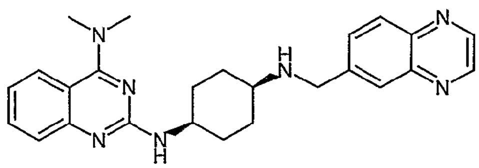
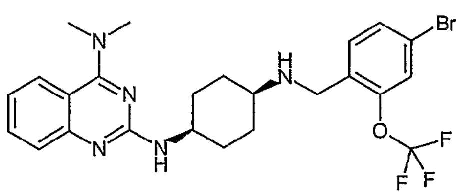
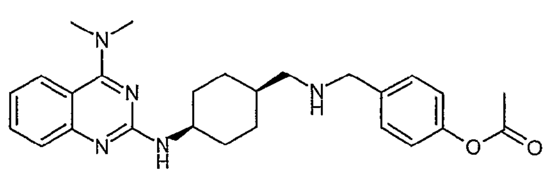
Example No.	Structure	APCI-MS
1937		588 (M + H)
1938		468 (M + H)
1939		443 (M + H)
1940		434 (M + H)
1941		500 (M + H)

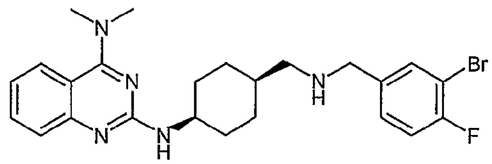
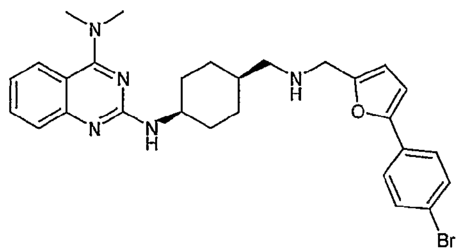
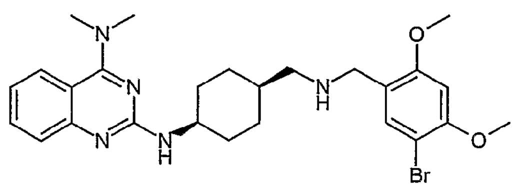
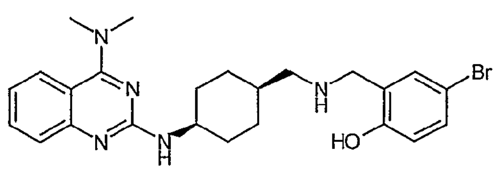
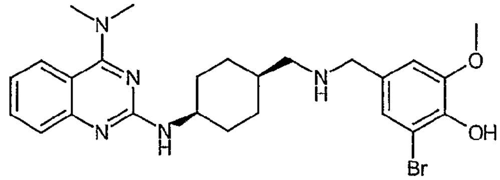
Example No.	Structure	APCI-MS
1942		530 (M + H)
1943		506 (M + H)
1944		414 (M + H)
1945		442 (M + H)
1946		448 (M + H)

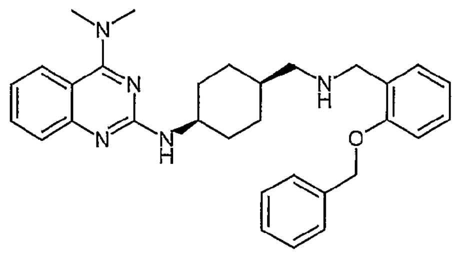
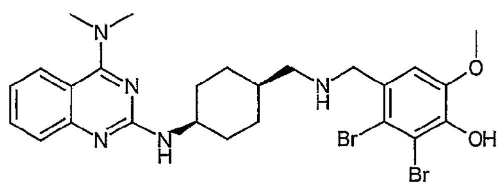
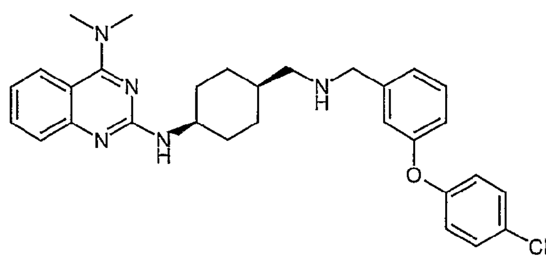
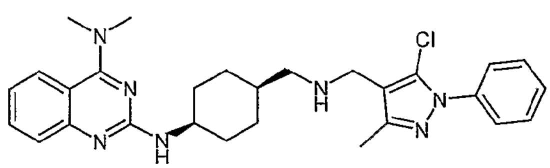
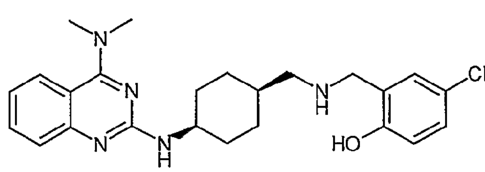
Example No.	Structure	APCI-MS
1947		474 (M + H)
1948		461 (M + H)
1949		509 (M + H)
1950		437 (M + H)
1951		427 (M + H)

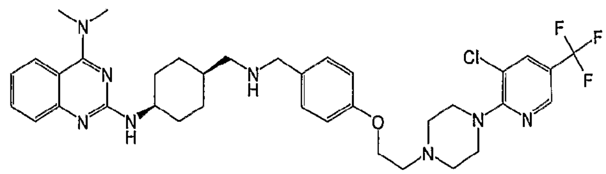
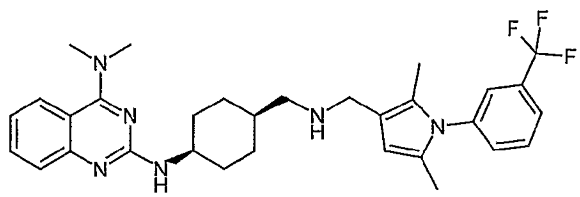
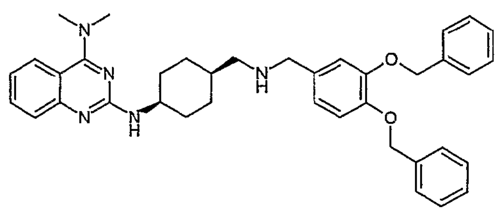
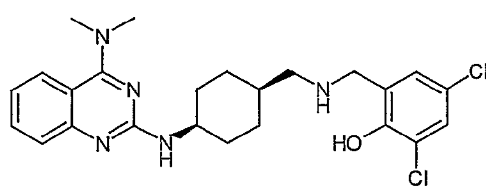
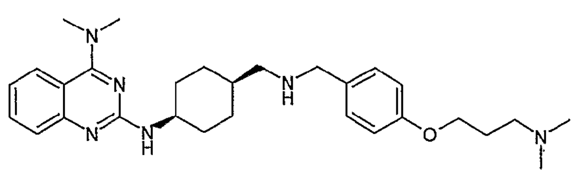
Example No.	Structure	APCI-MS
1952		444 (M + H)
1953		460 (M + H)
1954		447 (M + H)
1955		456 (M + H)
1956		479 (M + H)

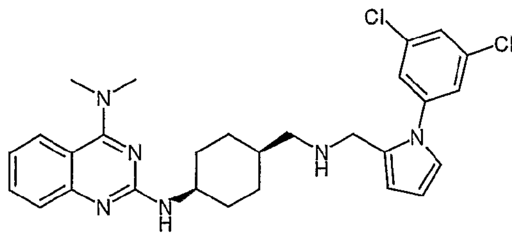
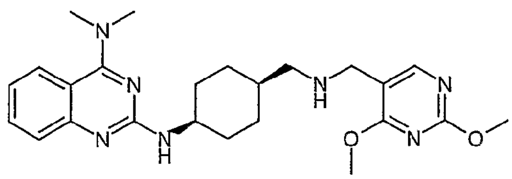
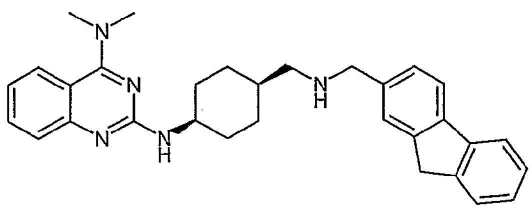
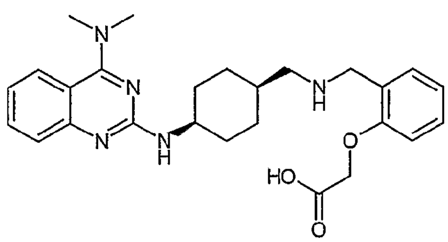
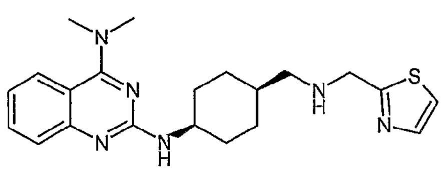
Example No.	Structure	APCI-MS
1957		469 (M + H)
1958		440 (M + H)
1959		476 (M + H)
1960		453 (M + H)
1961		552 (M + H)

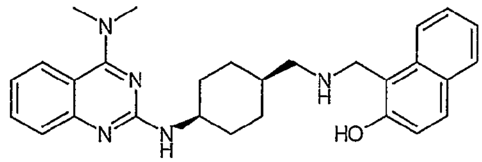
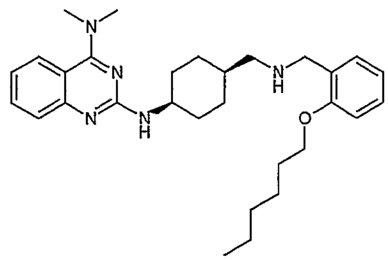
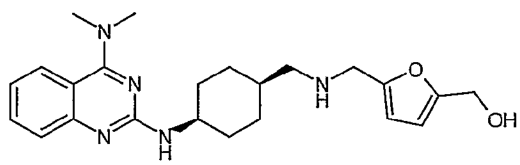
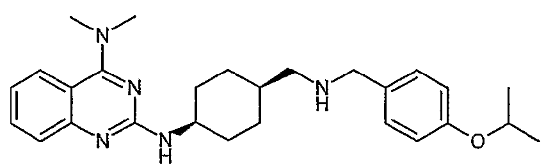
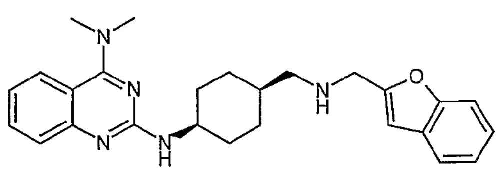
Example No.	Structure	APCI-MS
1962		500 (M + H)
1963		554 (M + H)
1964		428 (M + H)
1965		538 (M + H)
1966		448 (M + H)

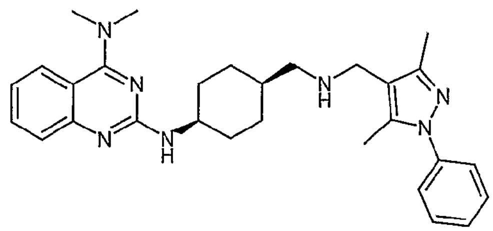
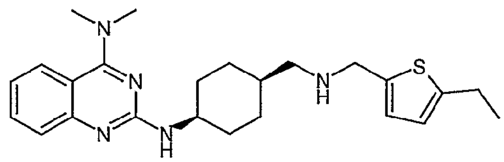
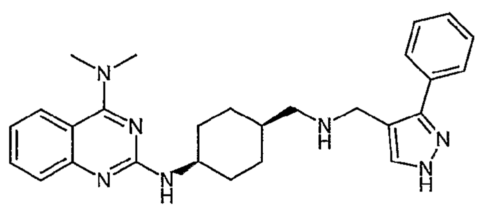
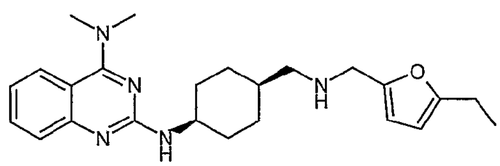
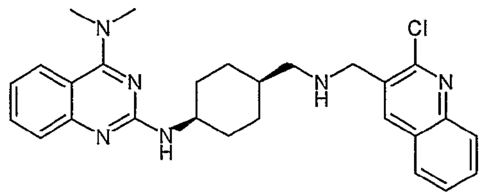
Example No.	Structure	APCI-MS
1967		486 (M + H)
1968		534 (M + H)
1969		528 (M + H)
1970		484 (M + H)
1971		514 (M + H)

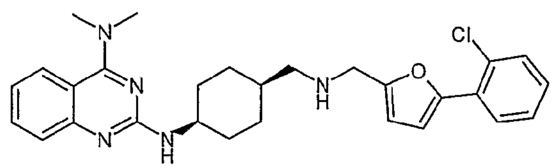
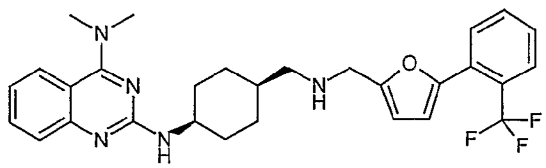
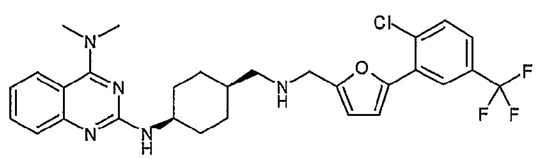
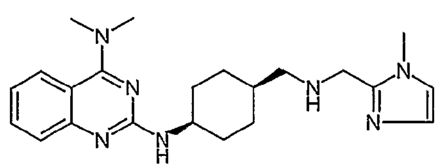
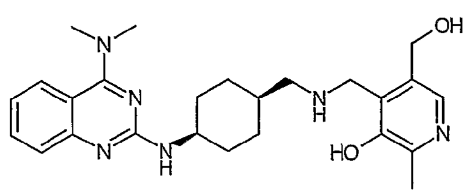
Example No.	Structure	APCI-MS
1972		496 (M + H)
1973		592 (M + H)
1974		516 (M + H)
1975		504 (M + H)
1976		440 (M + H)

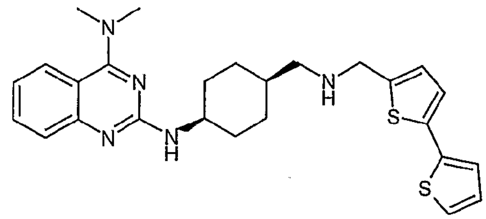
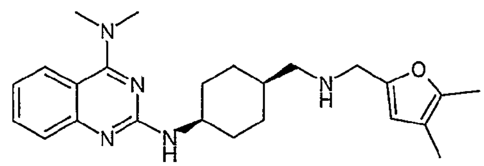
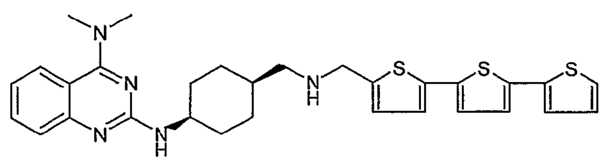
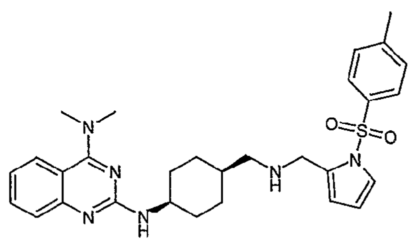
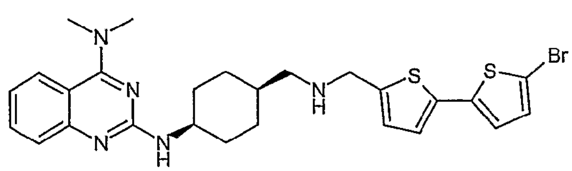
Example No.	Structure	APCI-MS
1977		697 (M + H)
1978		551 (M + H)
1979		602 (M + H)
1980		474 (M + H)
1981		491 (M + H)

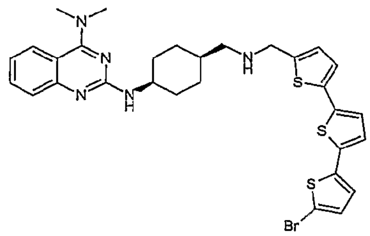
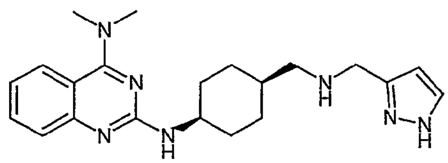
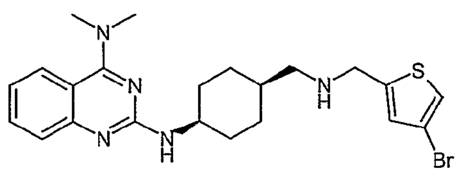
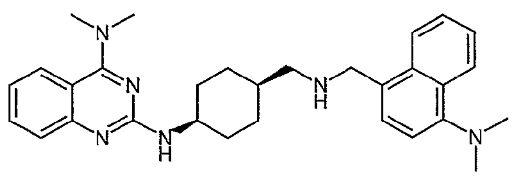
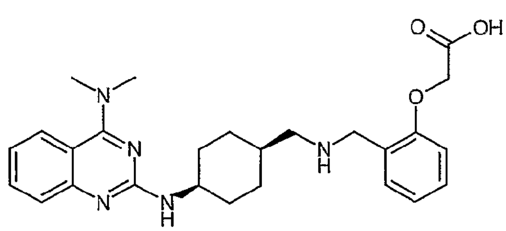
Example No.	Structure	APCI-MS
1982		523 (M + H)
1983		452 (M + H)
1984		478 (M + H)
1985		464 (M + H)
1986		397 (M + H)

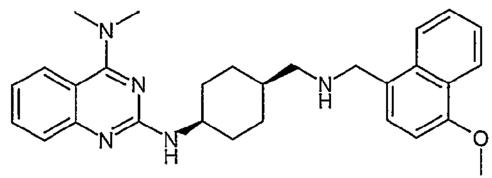
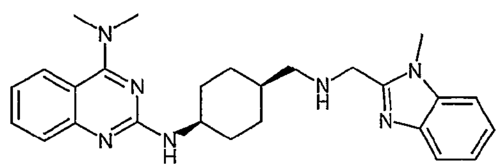
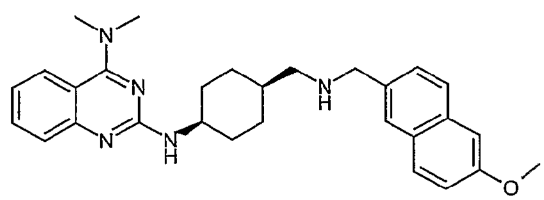
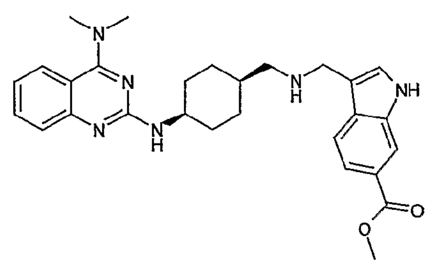
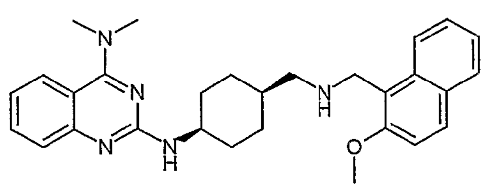
Example No.	Structure	APCI-MS
1987		454 (M - H)
1988		490 (M + H)
1989		410 (M + H)
1990		448 (M + H)
1991		430 (M + H)

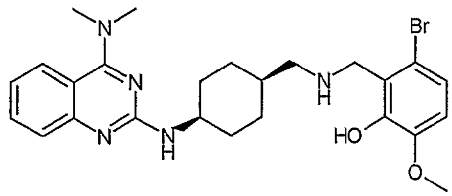
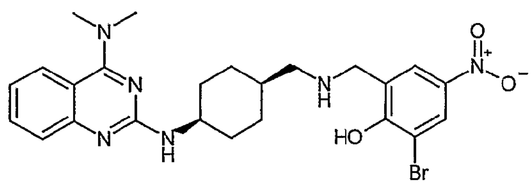
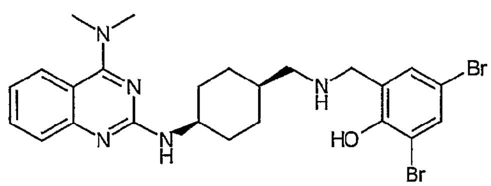
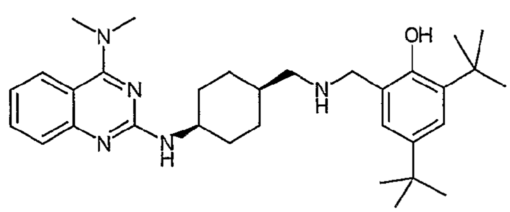
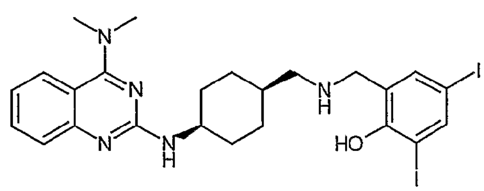
Example No.	Structure	APCI-MS
1992		484 (M + H)
1993		424 (M + H)
1994		456 (M + H)
1995		408 (M + H)
1996		475 (M + H)

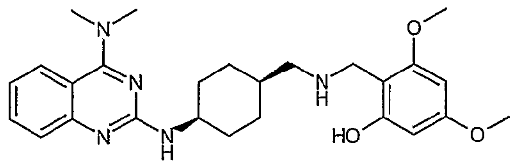
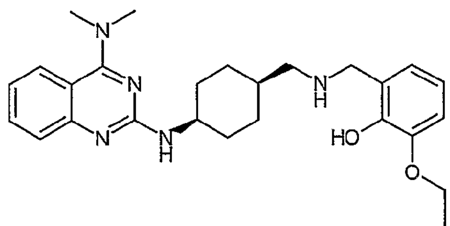
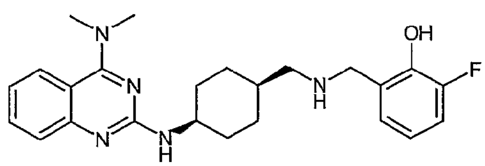
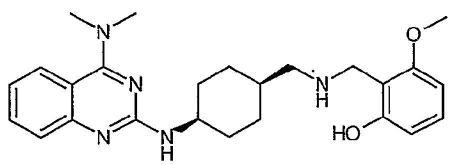
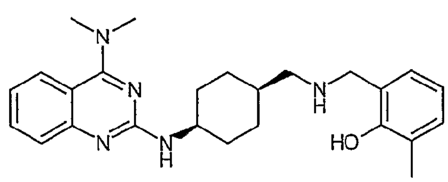
Example No.	Structure	APCI-MS
1997		490 (M + H)
1998		524 (M + H)
1999		558 (M + H)
2000		394 (M + H)
2001		451 (M + H)

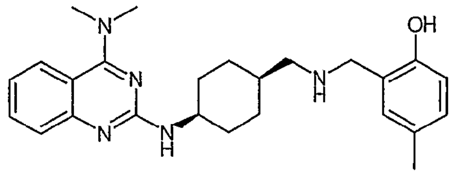
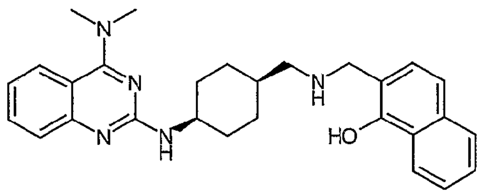
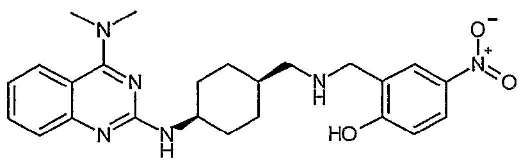
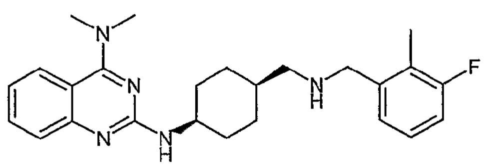
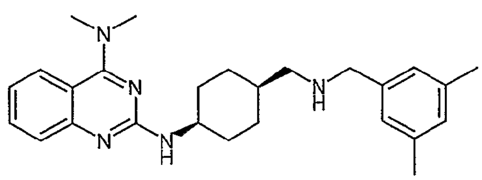
Example No.	Structure	APCI-MS
2002		478 (M + H)
2003		408 (M + H)
2004		560 (M + H)
2005		533 (M + H)
2006		556 (M + H)

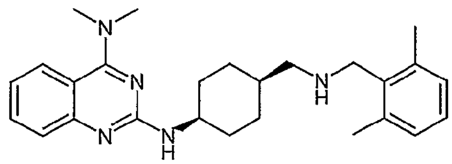
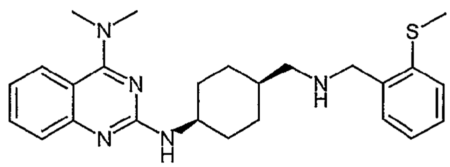
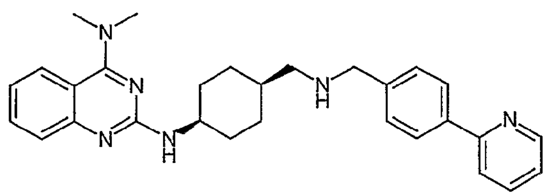
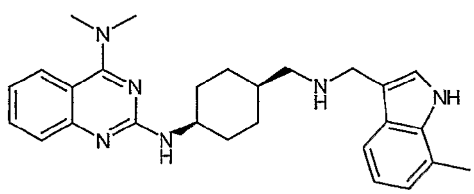
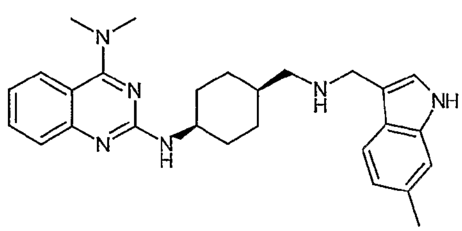
Example No.	Structure	APCI-MS
2007		638 (M + H)
2008		380 (M + H)
2009		474 (M + H)
2010		483 (M + H)
2011		464 (M + H)

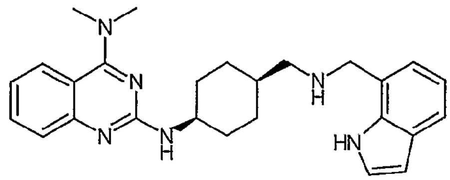
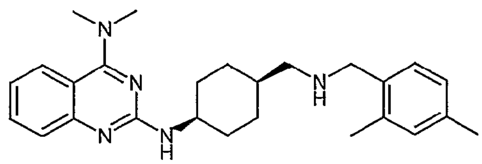
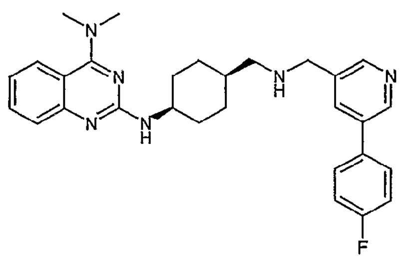
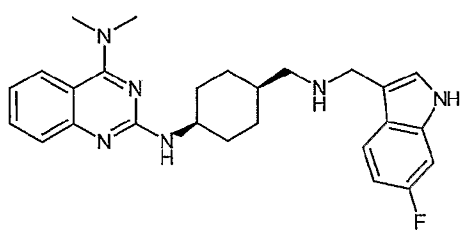
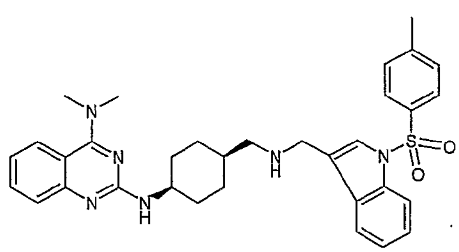
Example No.	Structure	APCI-MS
2012		470 (M + H)
2013		444 (M + H)
2014		470 (M + H)
2015		487 (M + H)
2016		470 (M + H)

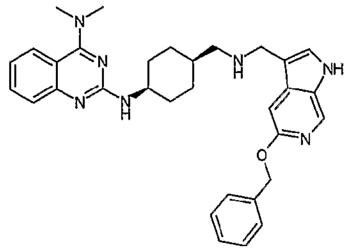
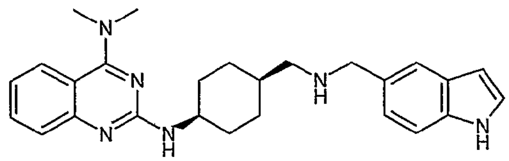
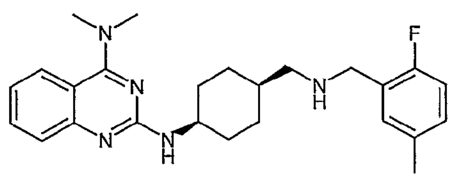
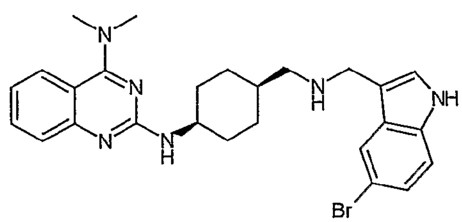
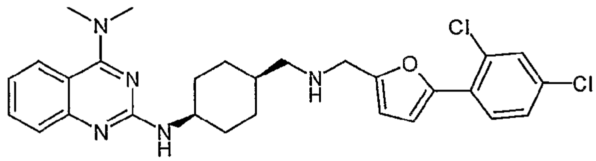
Example No.	Structure	APCI-MS
2017		514 (M + H)
2018		527 (M - H)
2019		562 (M + H)
2020		518 (M + H)
2021		658 (M + H)

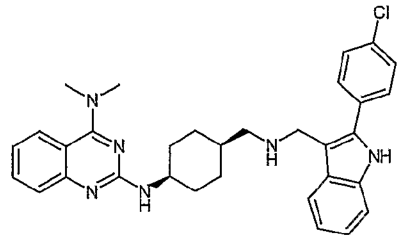
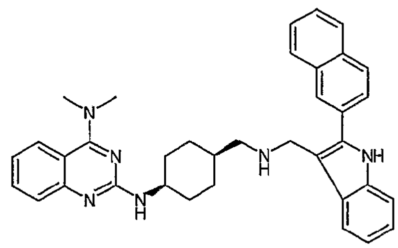
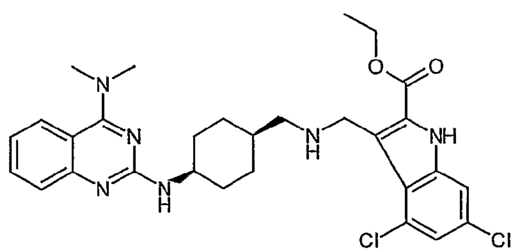
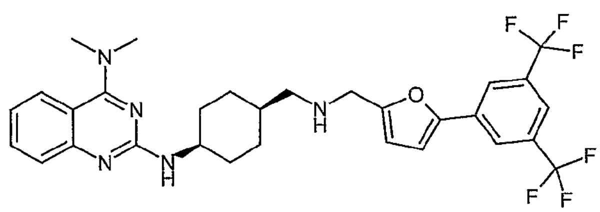
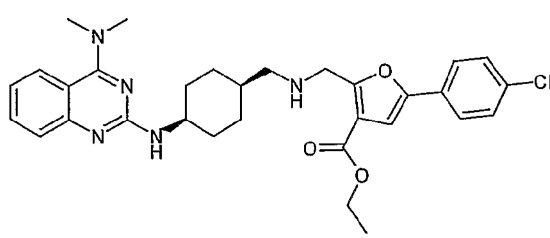
Example No.	Structure	APCI-MS
2022		466 (M + H)
2023		450 (M + H)
2024		424 (M + H)
2025		436 (M + H)
2026		420 (M + H)

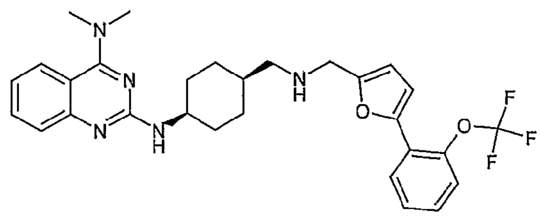
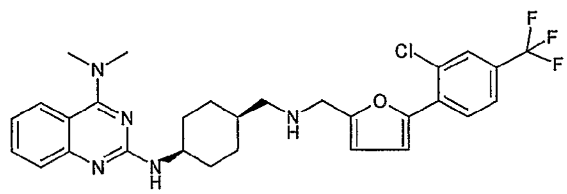
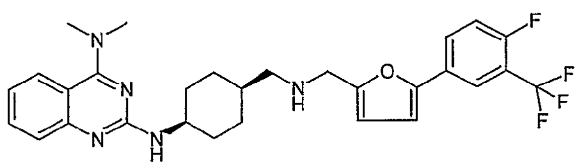
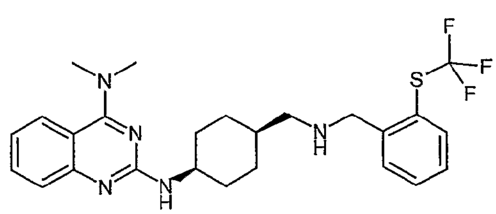
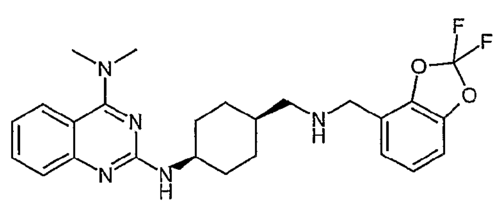
Example No.	Structure	APCI-MS
2027		420 (M + H)
2028		456 (M + H)
2029		451 (M + H)
2030		422 (M + H)
2031		418 (M + H)

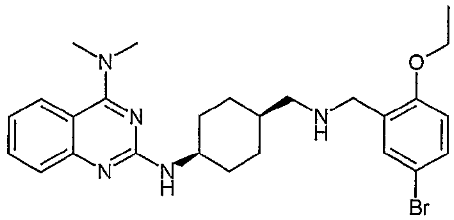
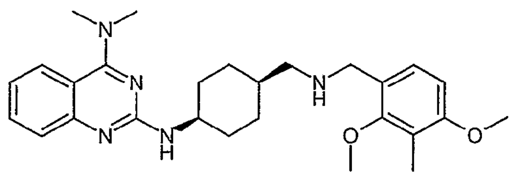
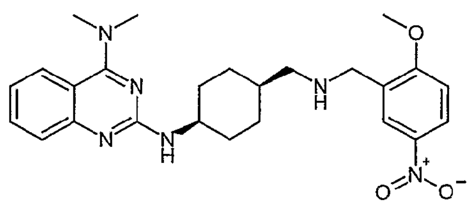
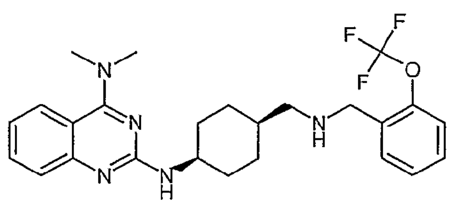
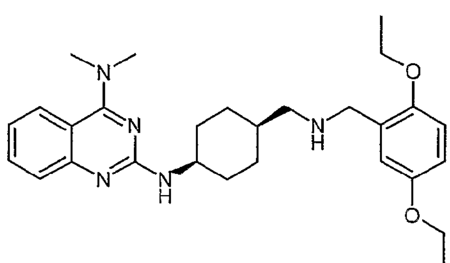
Example No.	Structure	APCI-MS
2032		418 (M + H)
2033		436 (M + H)
2034		467 (M + H)
2035		443 (M + H)
2036		443 (M + H)

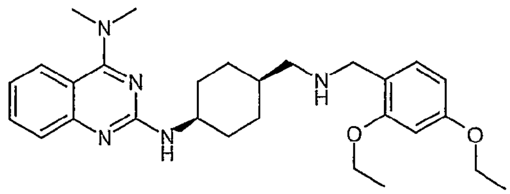
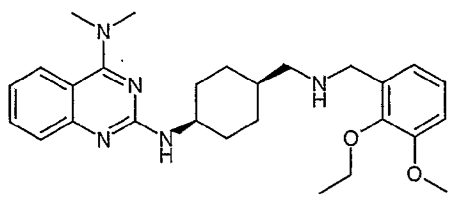
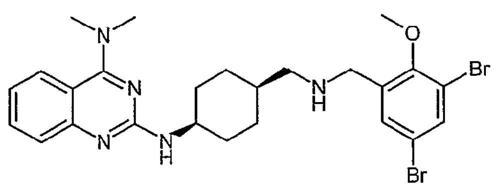
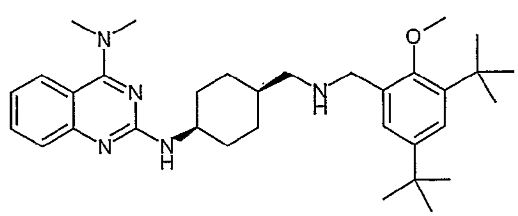
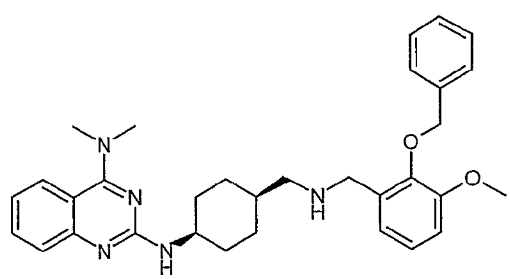
Example No.	Structure	APCI-MS
2037		429 (M + H)
2038		418 (M + H)
2039		485 (M + H)
2040		447 (M + H)
2041		583 (M + H)

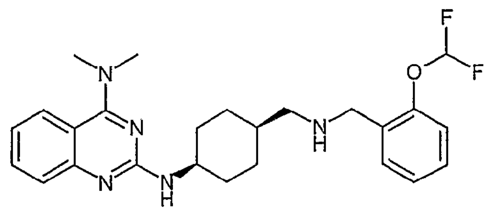
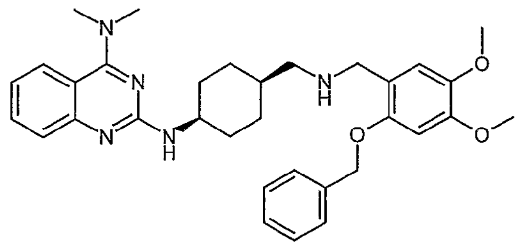
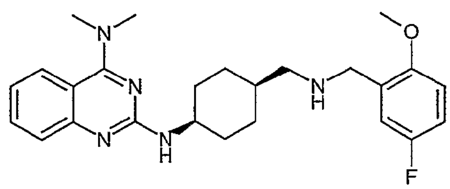
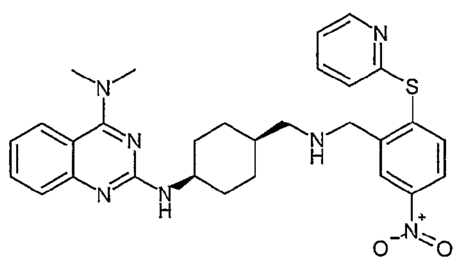
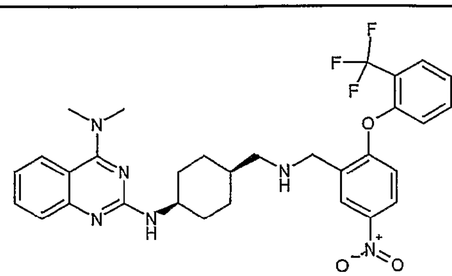
Example No.	Structure	APCI-MS
2042		536 (M + H)
2043		429 (M + H)
2044		422 (M + H)
2045		507 (M + H)
2046		524 (M + H)

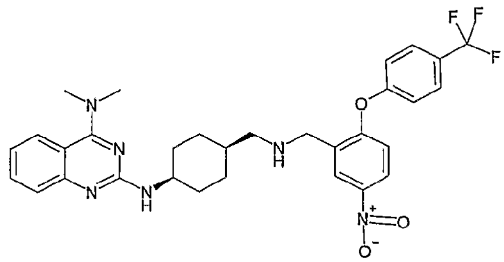
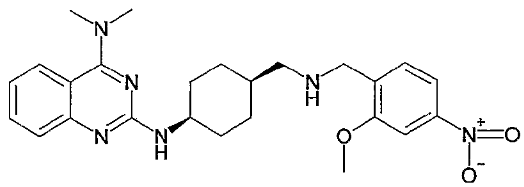
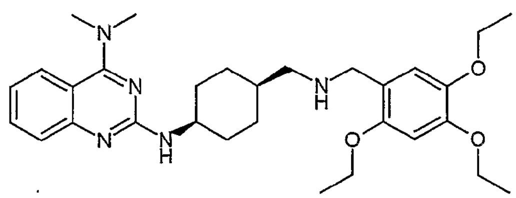
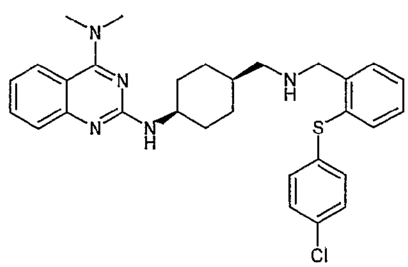
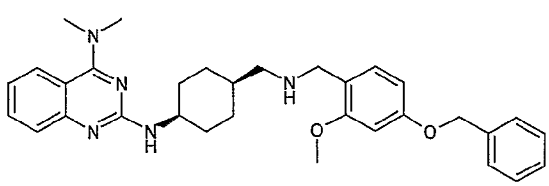
Example No.	Structure	APCI-MS
2047		539 (M + H)
2048		555 (M + H)
2049		569 (M + H)
2050		592 (M + H)
2051		562 (M + H)

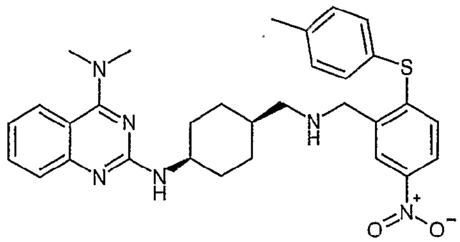
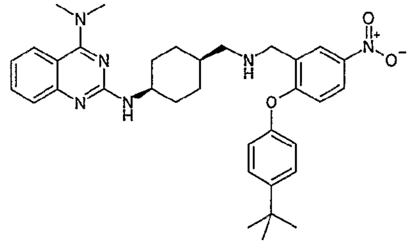
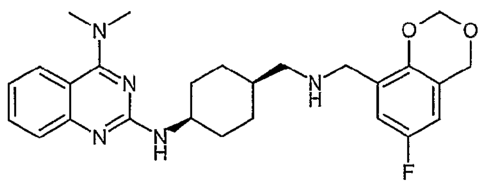
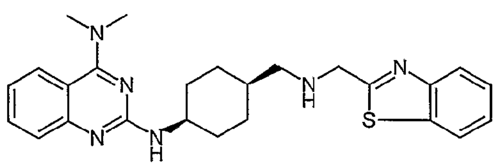
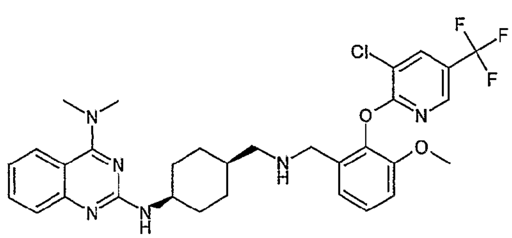
Example No.	Structure	APCI-MS
2052		540 (M + H)
2053		558 (M + H)
2054		542 (M + H)
2055		490 (M + H)
2056		470 (M + H)

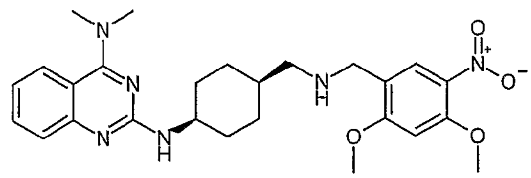
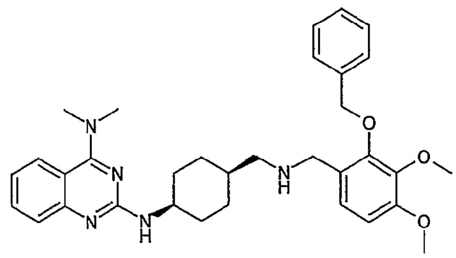
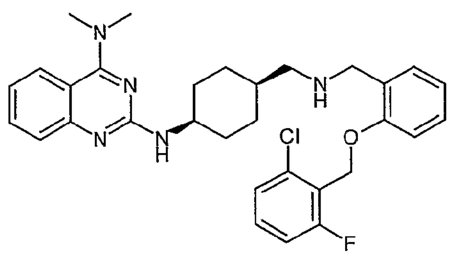
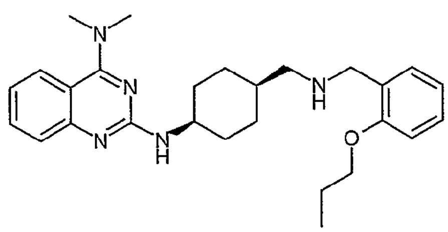
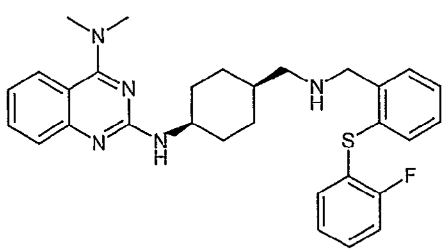
Example No.	Structure	APCI-MS
2057		512 (M + H)
2058		464 (M + H)
2059		465 (M + H)
2060		474 (M + H)
2061		478 (M + H)

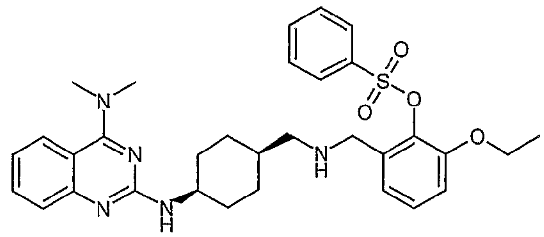
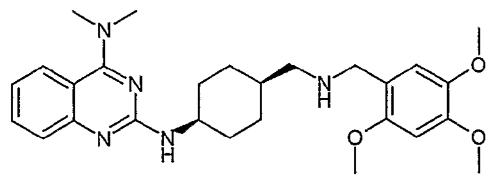
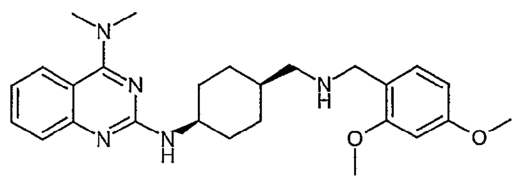
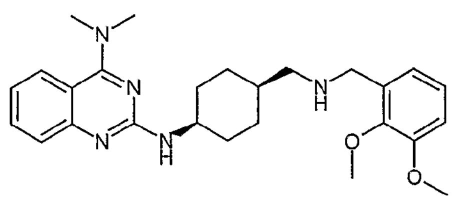
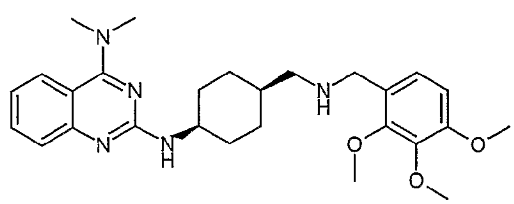
Example No.	Structure	APCI-MS
2062		478 (M + H)
2063		464 (M + H)
2064		576 (M + H)
2065		532 (M + H)
2066		526 (M + H)

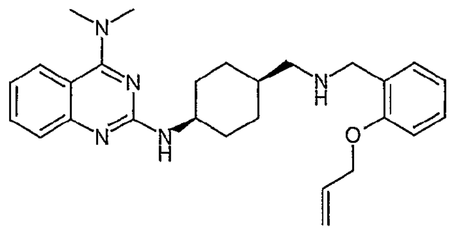
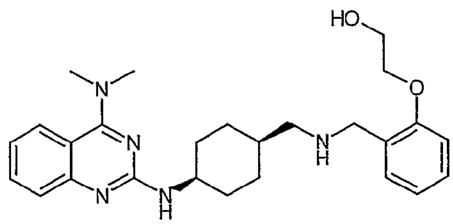
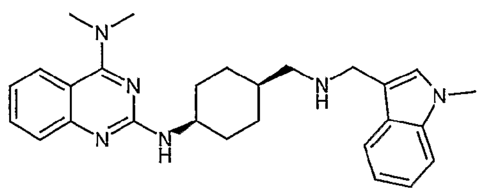
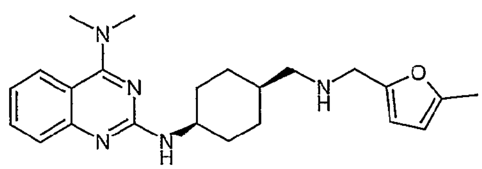
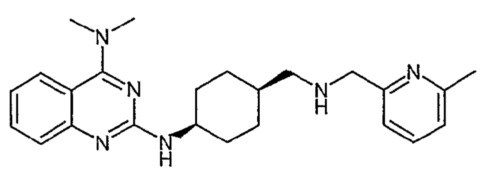
Example No.	Structure	APCI-MS
2067		456 (M + H)
2068		556 (M + H)
2069		438 (M + H)
2070		544 (M + H)
2071		595 (M + H)

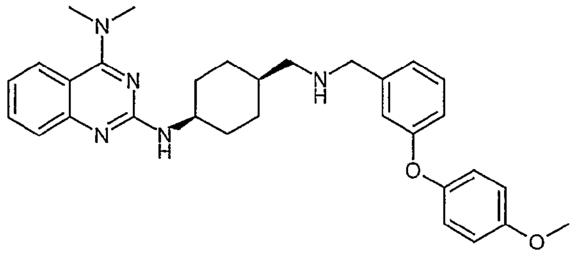
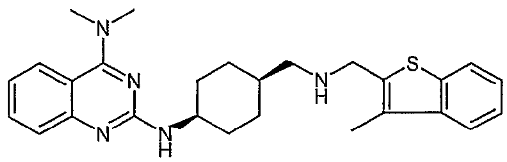
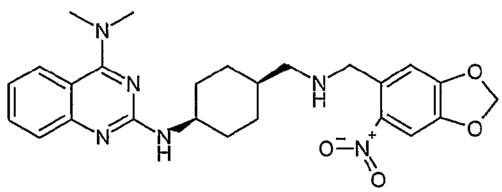
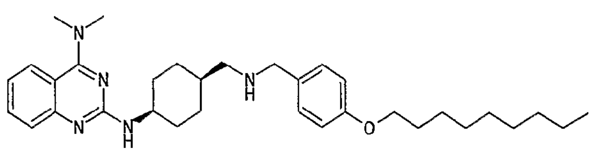
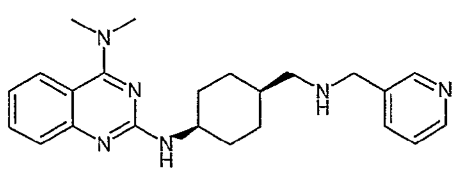
Example No.	Structure	APCI-MS
2072		595 (M + H)
2073		465 (M + H)
2074		522 (M + H)
2075		532 (M + H)
2076		526 (M + H)

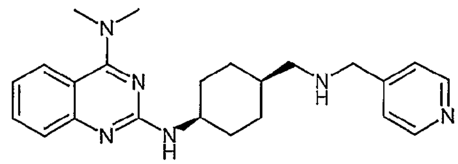
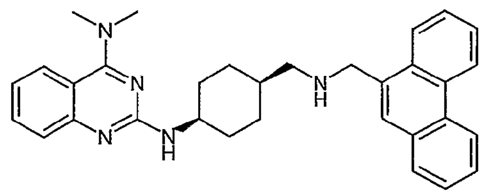
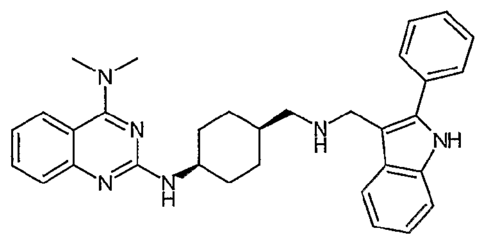
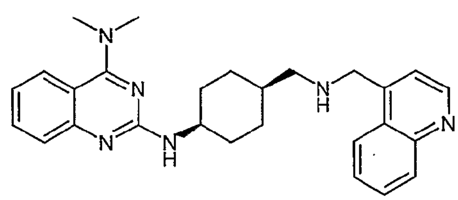
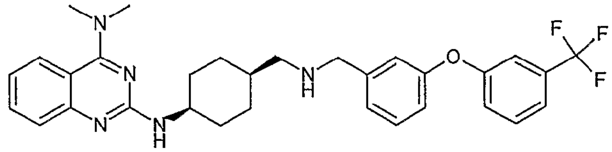
Example No.	Structure	APCI-MS
2077		557 (M + H)
2078		583 (M + H)
2079		466 (M + H)
2080		447 (M + H)
2081		615 (M + H)

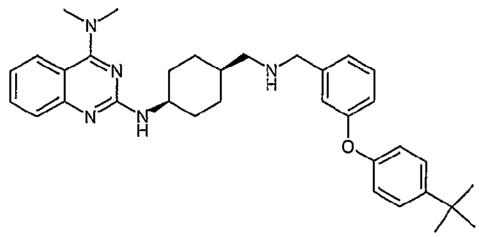
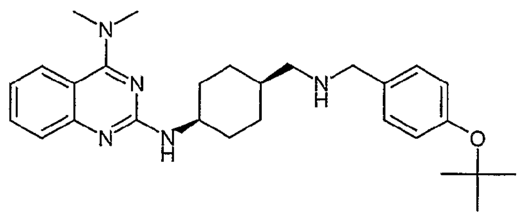
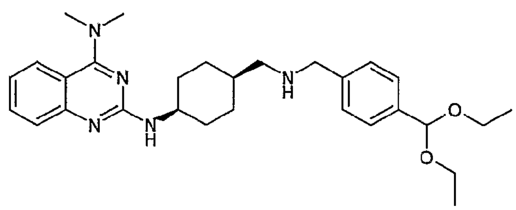
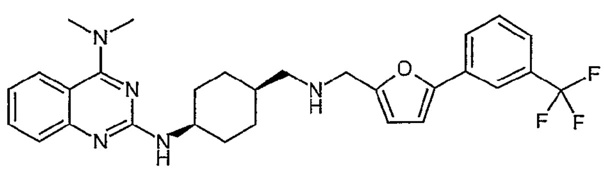
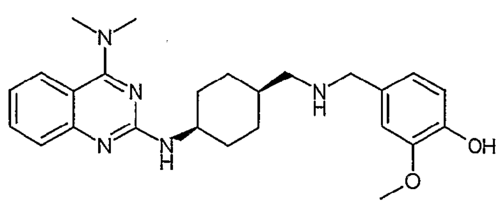
Example No.	Structure	APCI-MS
2082		495 (M + H)
2083		556 (M + H)
2084		548 (M + H)
2085		448 (M + H)
2086		516 (M + H)

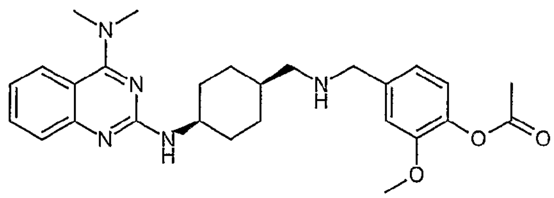
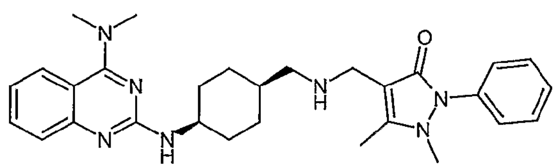
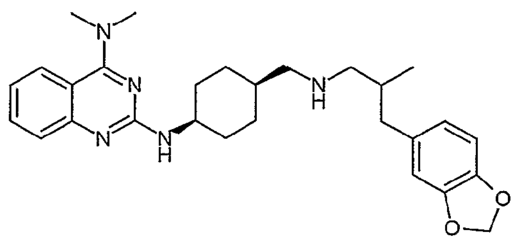
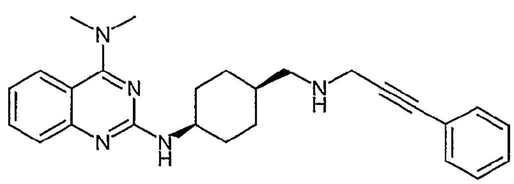
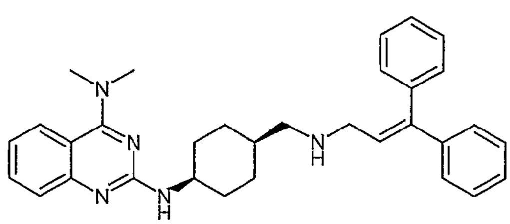
Example No.	Structure	APCI-MS
2087		590 (M + H)
2088		480 (M + H)
2089		450 (M + H)
2090		450 (M + H)
2091		480 (M + H)

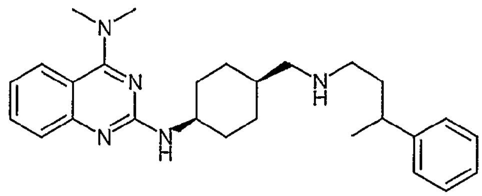
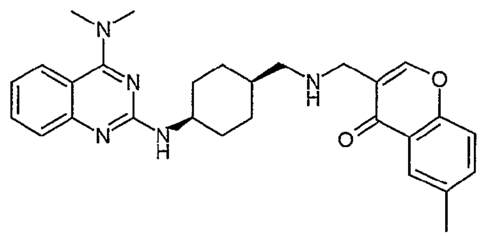
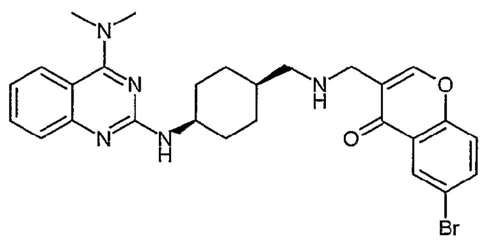
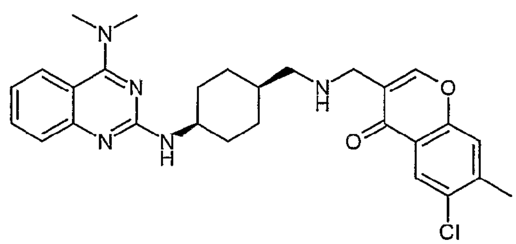
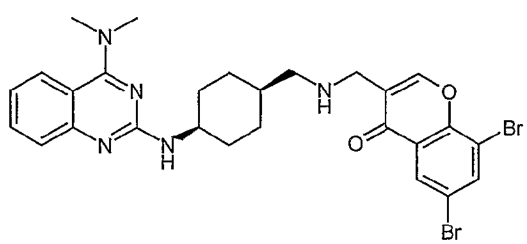
Example No.	Structure	APCI-MS
2092		446 (M + H)
2093		450 (M + H)
2094		443 (M + H)
2095		394 (M + H)
2096		405 (M + H)

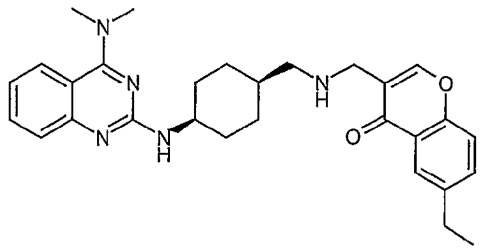
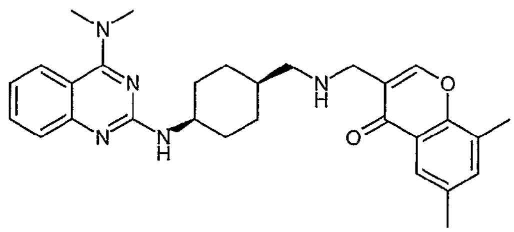
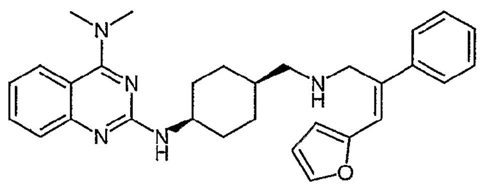
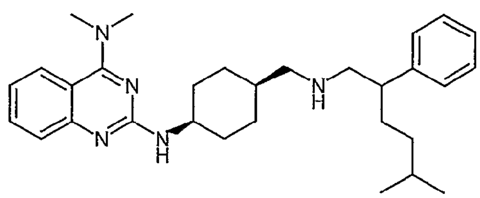
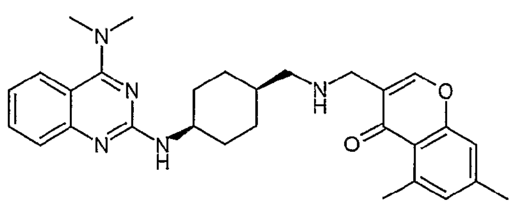
Example No.	Structure	APCI-MS
2097		512 (M + H)
2098		460 (M + H)
2099		479 (M + H)
2100		532 (M + H)
2101		391 (M + H)

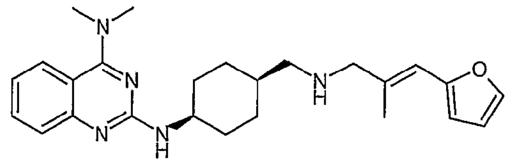
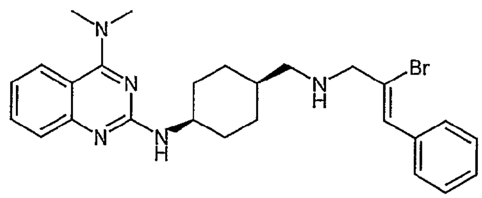
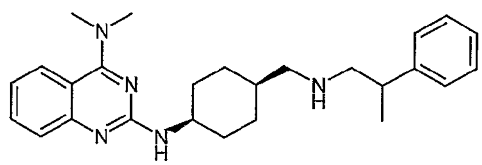
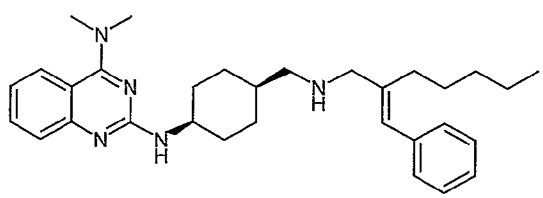
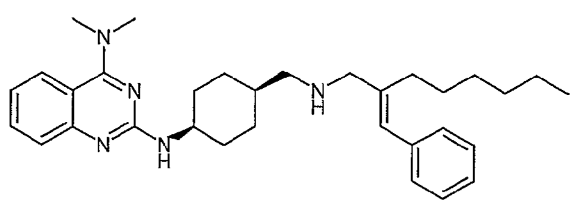
Example No.	Structure	APCI-MS
2102		391 (M + H)
2103		490 (M + H)
2104		505 (M + H)
2105		441 (M + H)
2106		550 (M + H)

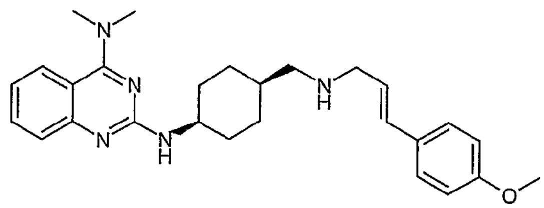
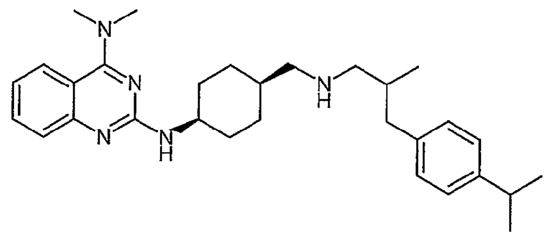
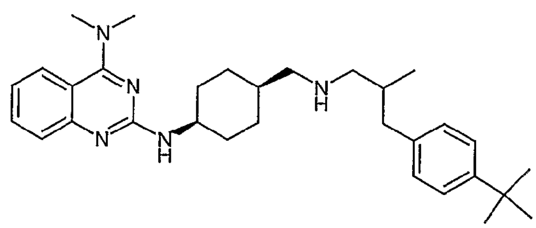
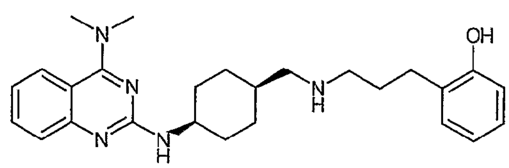
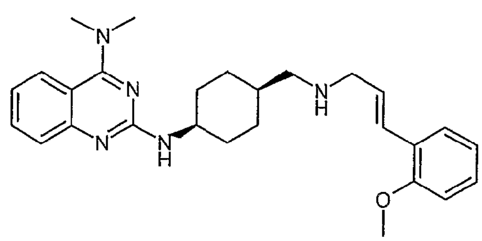
Example No.	Structure	APCI-MS
2107		538 (M + H)
2108		462 (M + H)
2109		492 (M + H)
2110		524 (M + H)
2111		436 (M + H)

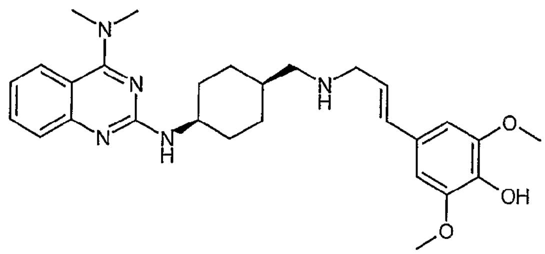
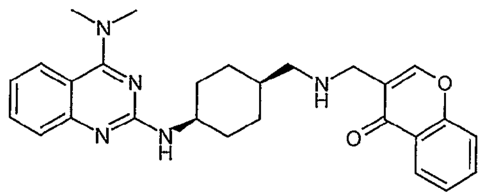
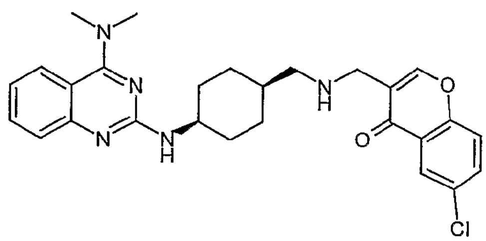
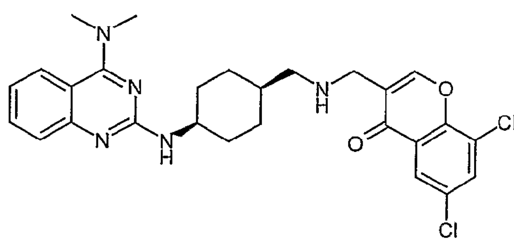
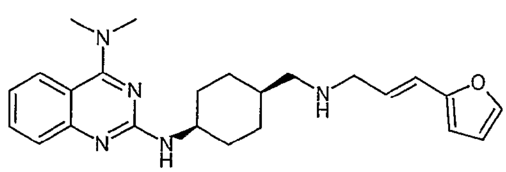
Example No.	Structure	APCI-MS
2112		478 (M + H)
2113		500 (M + H)
2114		476 (M + H)
2115		414 (M + H)
2116		492 (M + H)

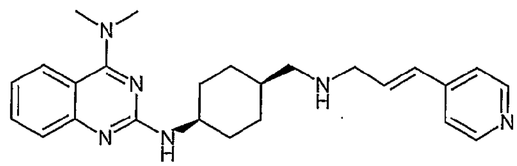
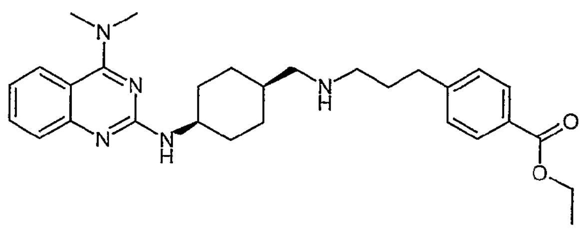
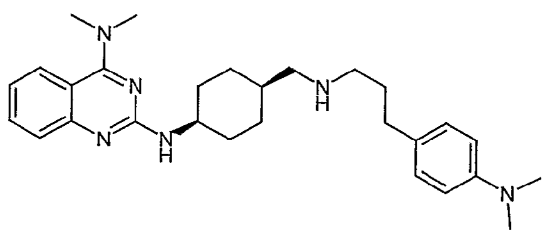
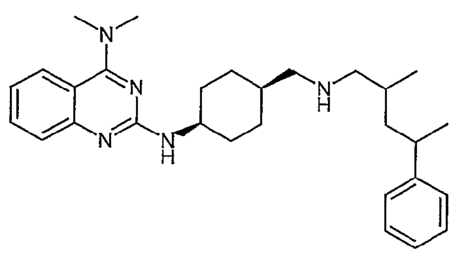
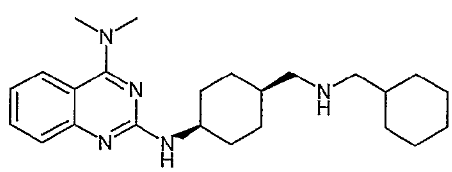
Example No.	Structure	APCI-MS
2117		432 (M + H)
2118		472 (M + H)
2119		536 (M + H)
2120		506 (M + H)
2121		614 (M + H)

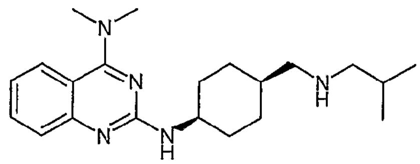
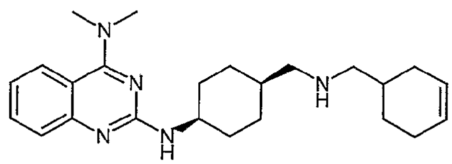
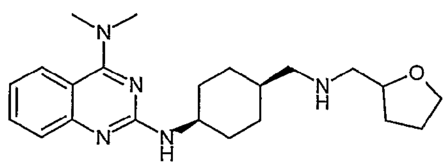
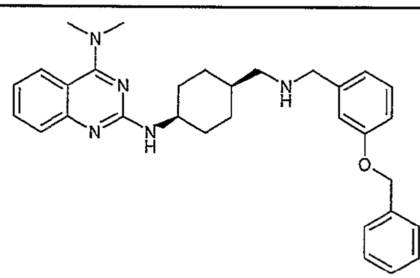
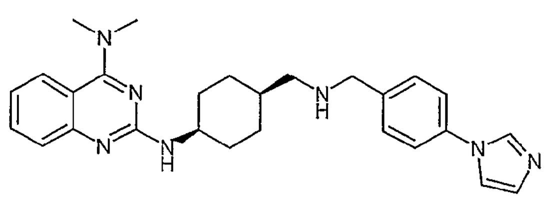
Example No.	Structure	APCI-MS
2122		486 (M + H)
2123		486 (M + H)
2124		482 (M + H)
2125		474 (M + H)
2126		486 (M + H)

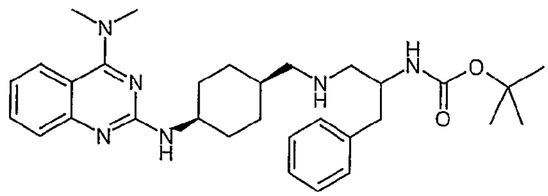
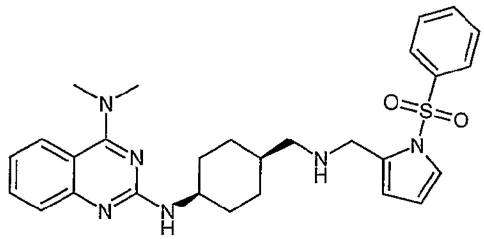
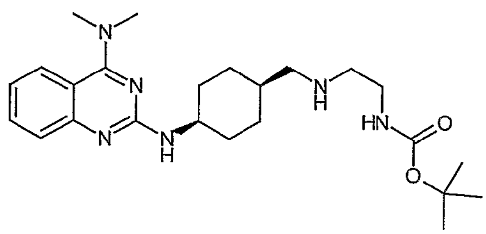
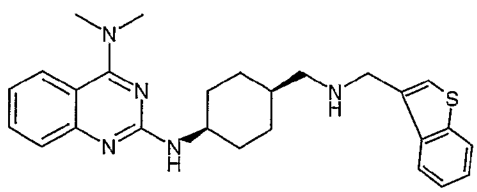
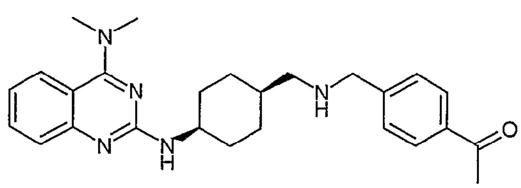
Example No.	Structure	APCI-MS
2127		420 (M + H)
2128		494 (M + H)
2129		418 (M + H)
2130		486 (M + H)
2131		500 (M + H)

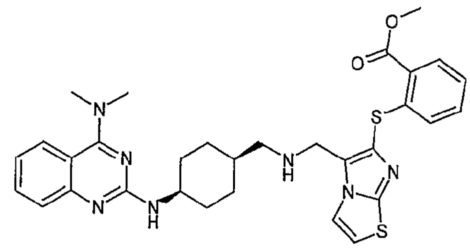
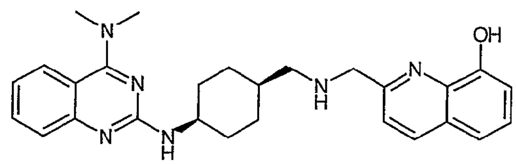
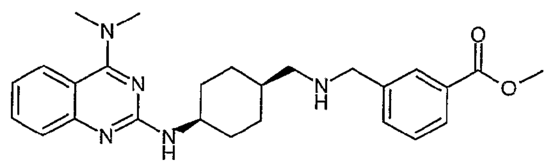
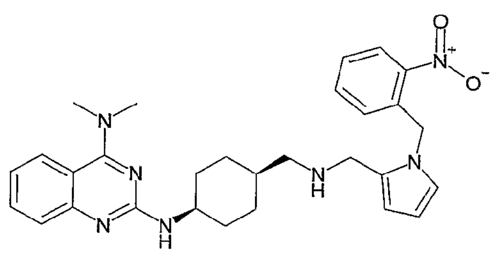
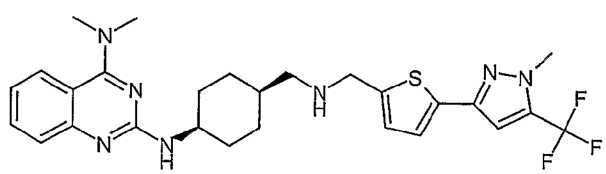
Example No.	Structure	APCI-MS
2132		446 (M + H)
2133		474 (M + H)
2134		488 (M + H)
2135		434 (M + H)
2136		446 (M + H)

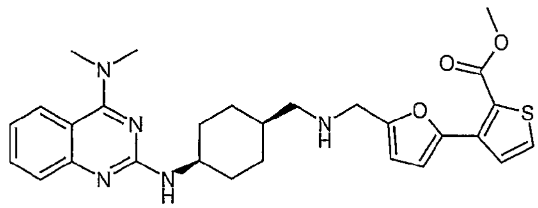
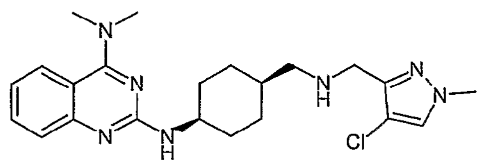
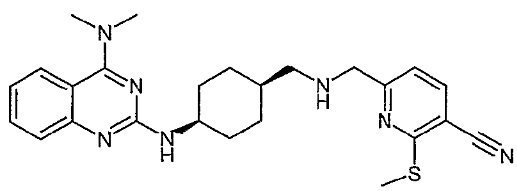
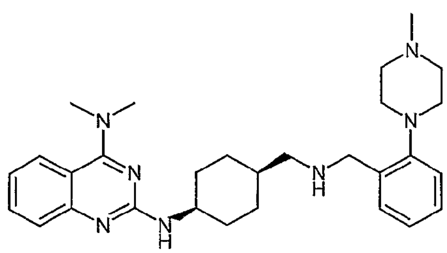
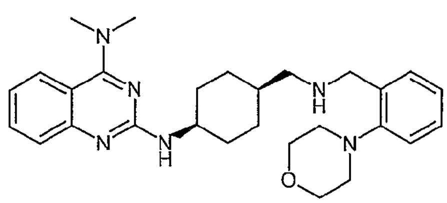
Example No.	Structure	APCI-MS
2137		492 (M + H)
2138		458 (M + H)
2139		492 (M + H)
2140		526 (M + H)
2141		406 (M + H)

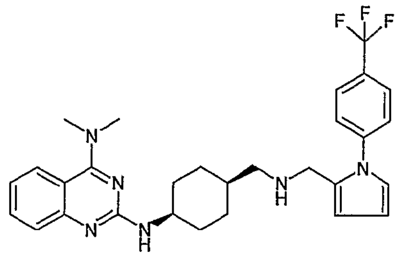
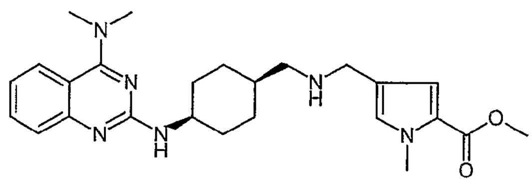
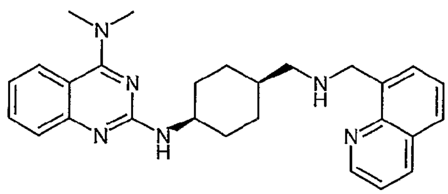
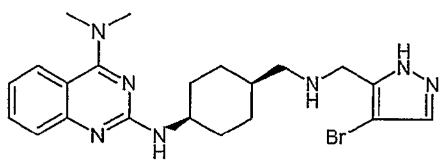
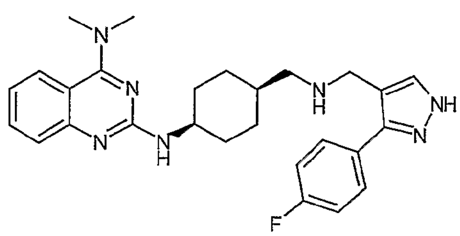
Example No.	Structure	APCI-MS
2142		417 (M + H)
2143		490 (M + H)
2144		461 (M + H)
2145		460 (M + H)
2146		396 (M + H)

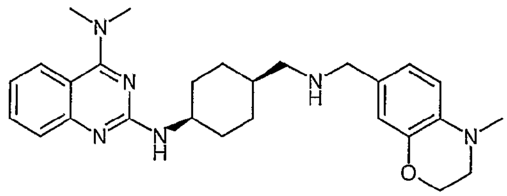
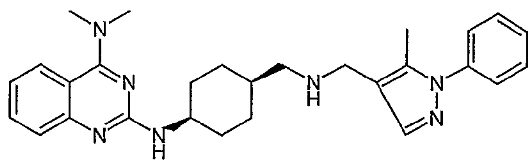
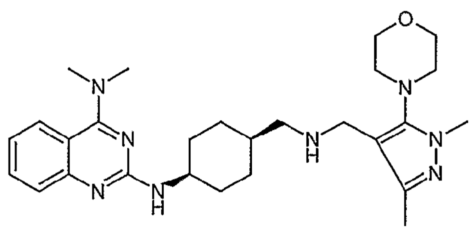
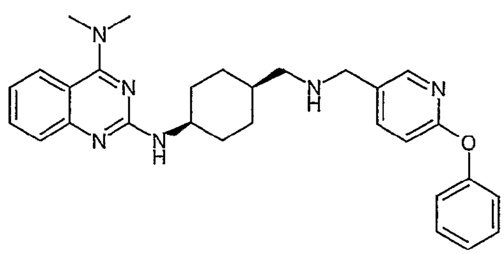
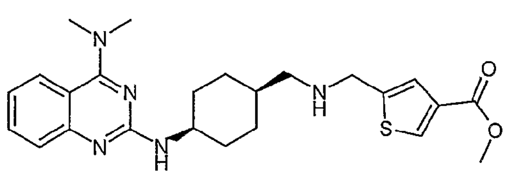
Example No.	Structure	APCI-MS
2147		356 (M + H)
2148		394 (M + H)
2149		384 (M + H)
2150		496 (M + H)
2151		456 (M + H)

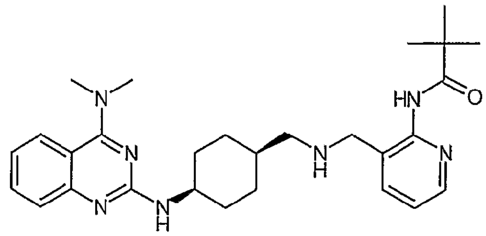
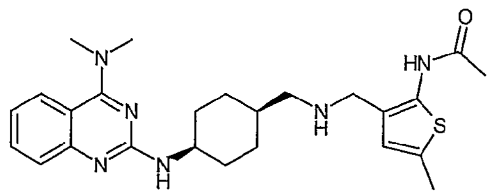
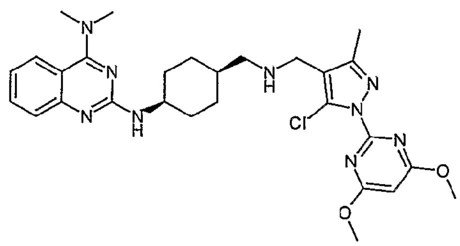
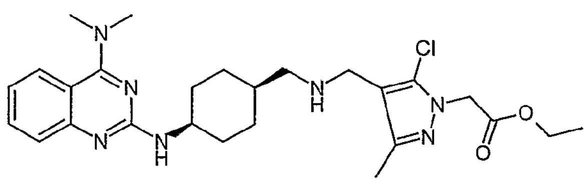
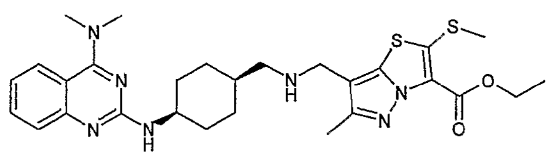
Example No.	Structure	APCI-MS
2152		533 (M + H)
2153		519 (M + H)
2154		443 (M + H)
2155		446 (M + H)
2156		432 (M + H)

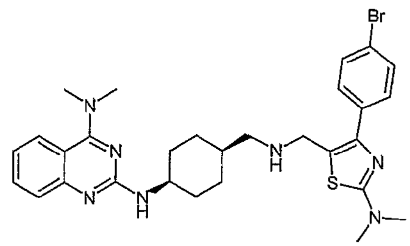
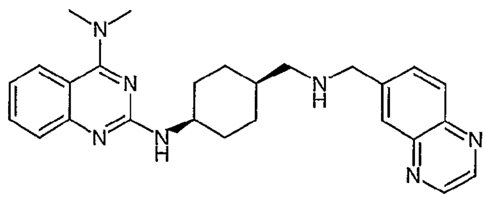
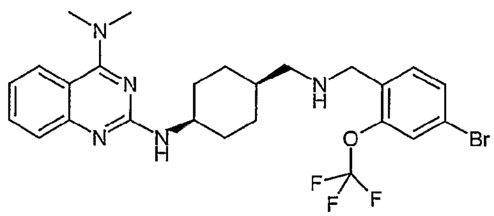
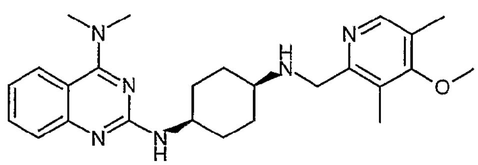
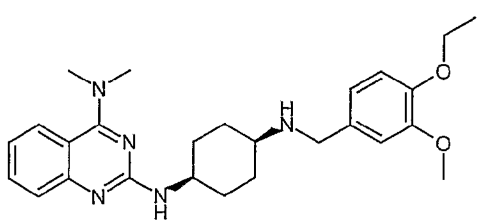
Example No.	Structure	APCI-MS
2157		602 (M + H)
2158		457 (M + H)
2159		448 (M + H)
2160		514 (M + H)
2161		544 (M + H)

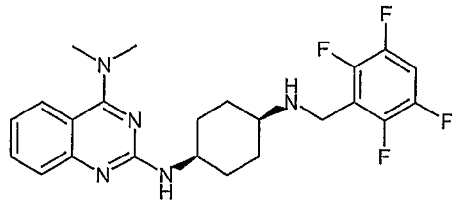
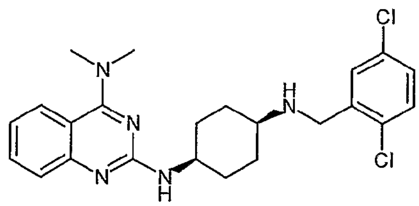
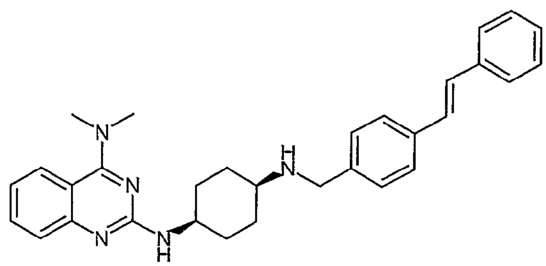
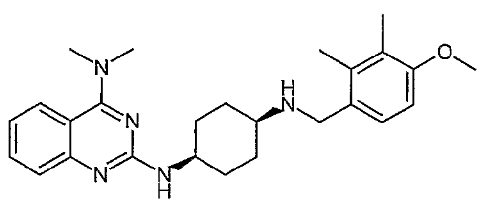
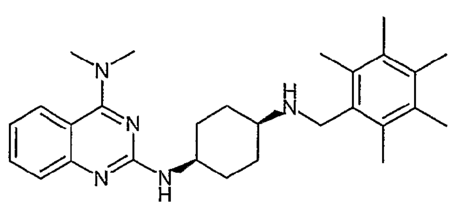
Example No.	Structure	APCI-MS
2162		520 (M + H)
2163		428 (M + H)
2164		462 (M + H)
2165		488 (M + H)
2166		475 (M + H)

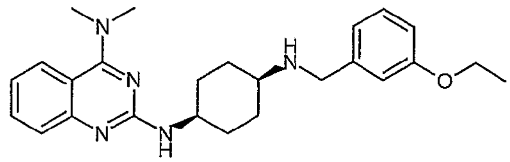
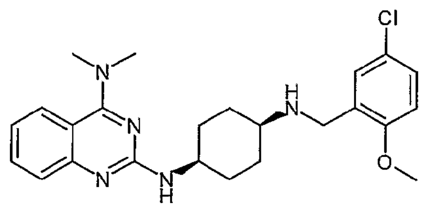
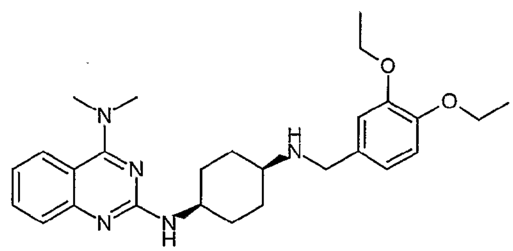
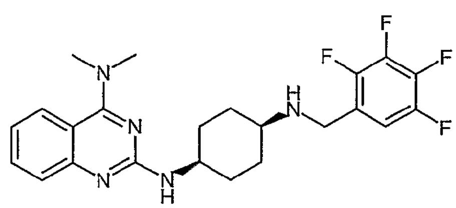
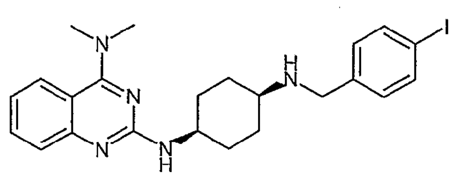
Example No.	Structure	APCI-MS
2167		523 (M + H)
2168		451 (M + H)
2169		441 (M + H)
2170		458 (M + H)
2171		474 (M + H)

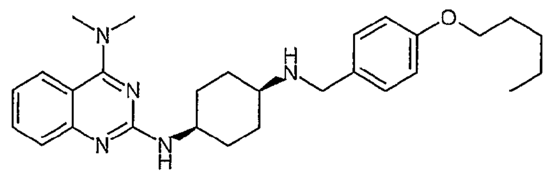
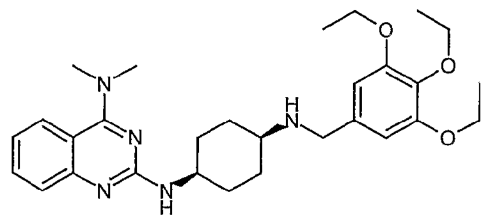
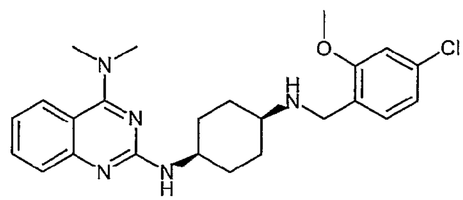
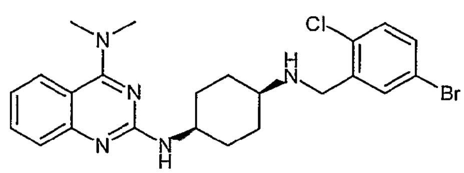
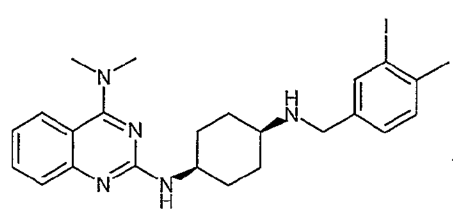
Example No.	Structure	APCI-MS
2172		461 (M + H)
2173		470 (M + H)
2174		493 (M + H)
2175		483 (M + H)
2176		454 (M + H)

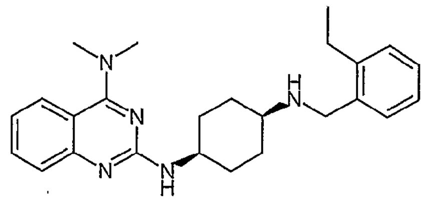
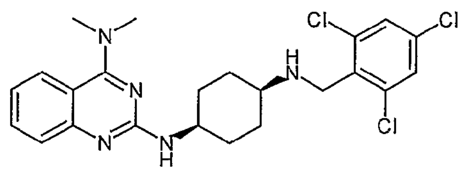
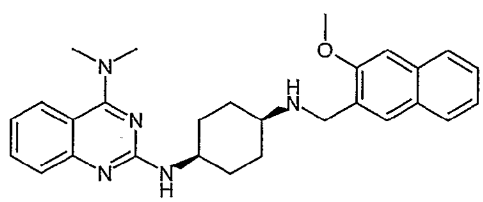
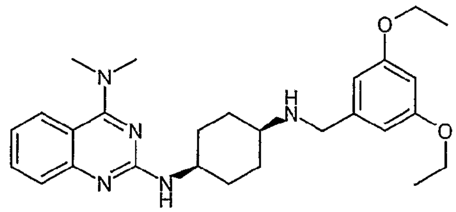
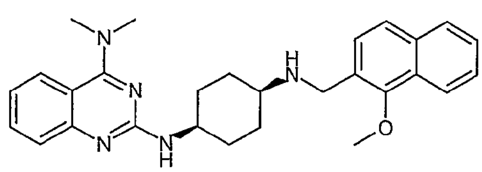
Example No.	Structure	APCI-MS
2177		490 (M + H)
2178		467 (M + H)
2179		566 (M + H)
2180		514 (M + H)
2181		568 (M + H)

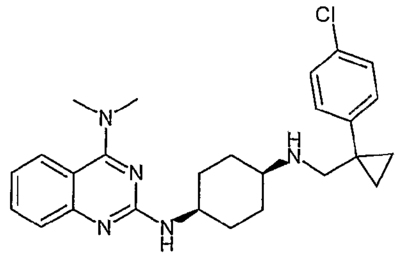
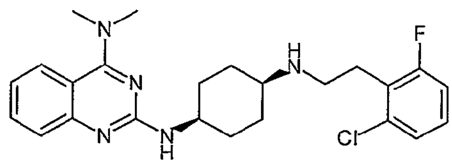
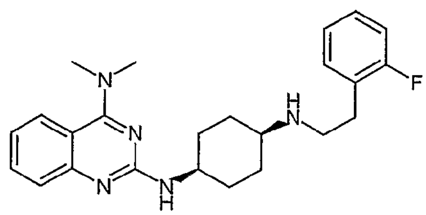
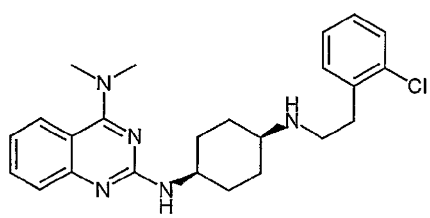
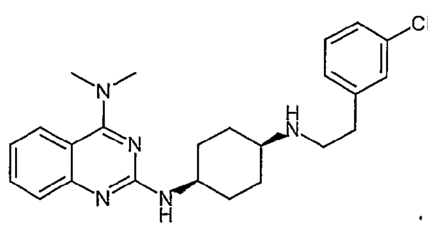
Example No.	Structure	APCI-MS
2182		594 (M + H)
2183		442 (M + H)
2184		552 (M + H)
2185		435 (M + H)
2186		450 (M + H)

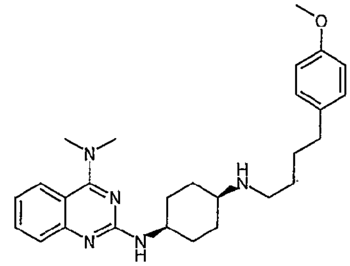
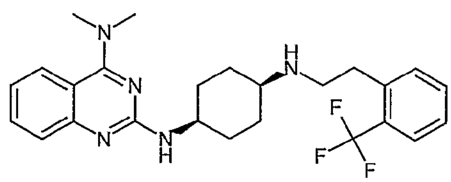
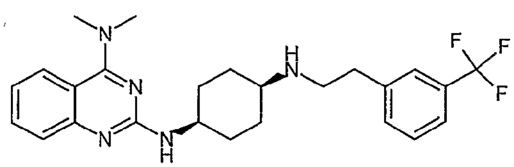
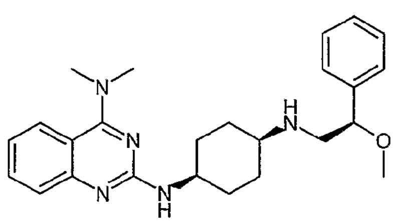
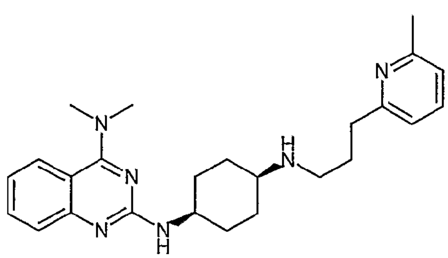
Example No.	Structure	APCI-MS
2187		448 (M + H)
2188		444 (M + H)
2189		478 (M + H)
2190		434 (M + H)
2191		446 (M + H)

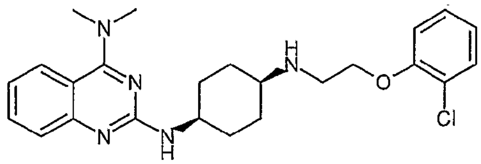
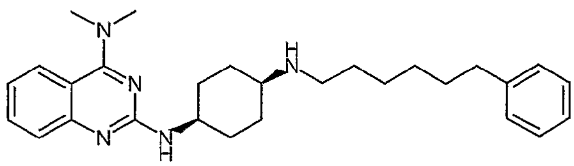
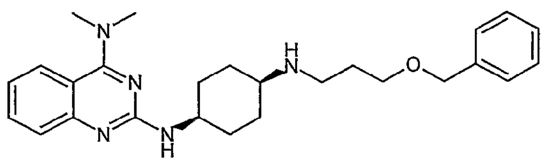
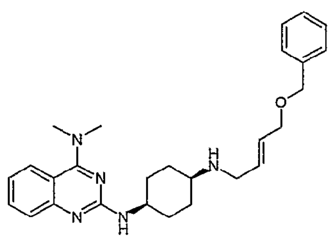
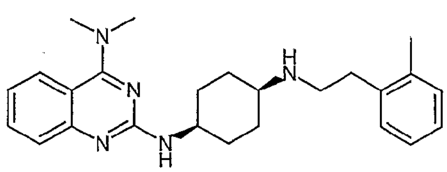
Example No.	Structure	APCI-MS
2192		420 (M + H)
2193		440 (M + H)
2194		464 (M + H)
2195		448 (M + H)
2196		502 (M + H)

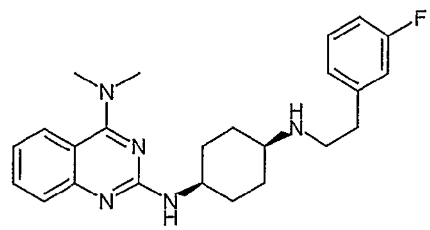
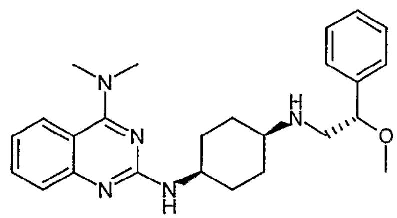
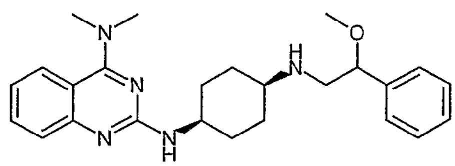
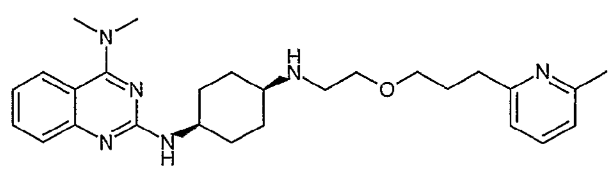
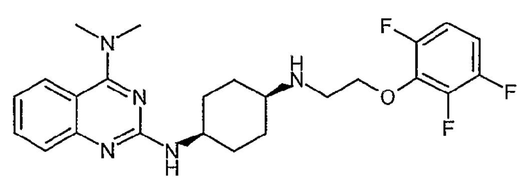
Example No.	Structure	APCI-MS
2197		462 (M + H)
2198		508 (M + H)
2199		440 (M + H)
2200		488 (M + H)
2201		516 (M + H)

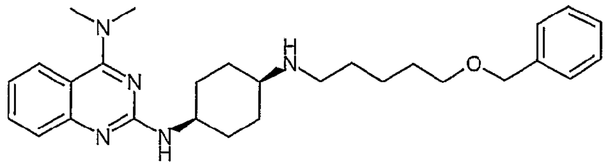
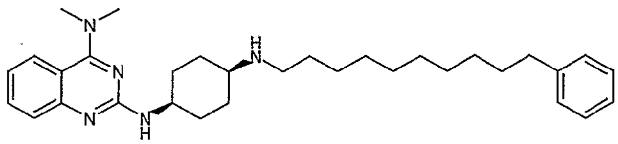
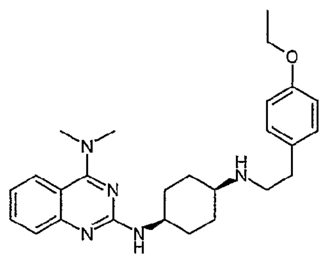
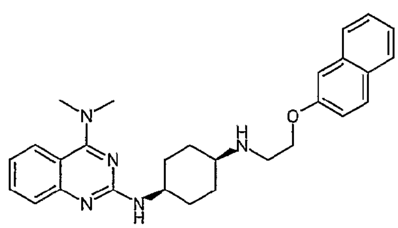
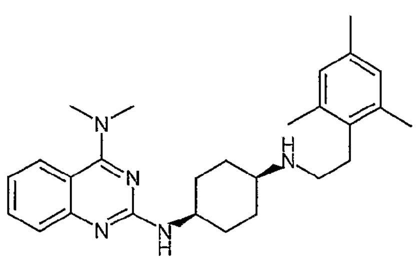
Example No.	Structure	APCI-MS
2202		404 (M + H)
2203		478 (M + H)
2204		456 (M + H)
2205		464 (M + H)
2206		456 (M + H)

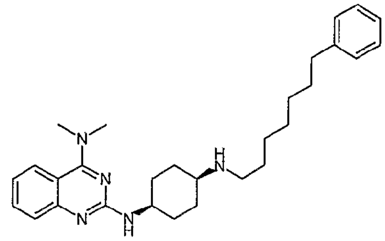
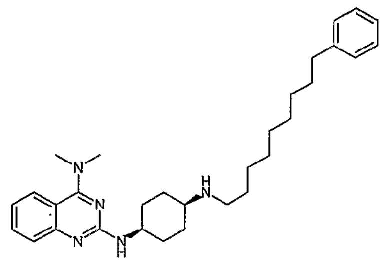
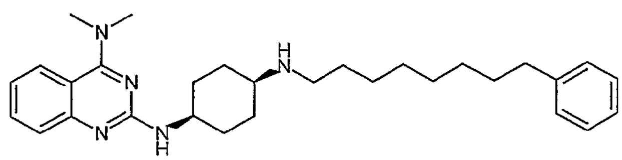
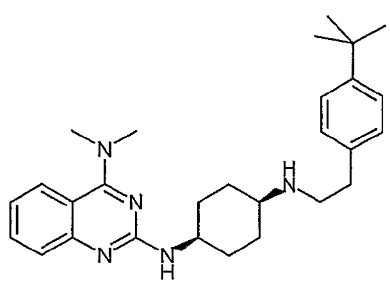
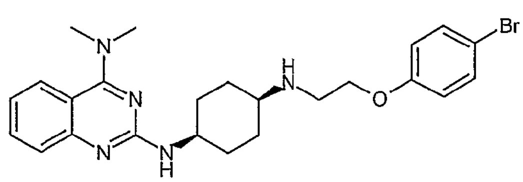
Example No.	Structure	APCI-MS
2207		450 (M + H)
2208		442 (M + H)
2209		408 (M + H)
2210		424 (M + H)
2211		424 (M + H)

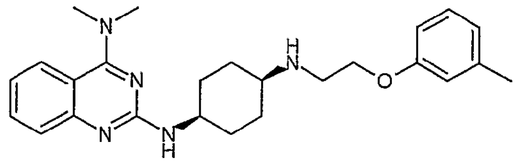
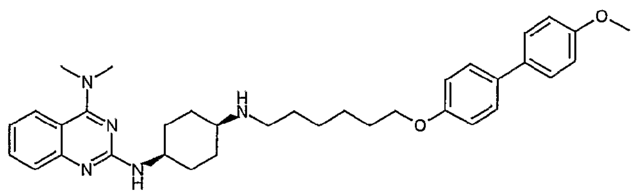
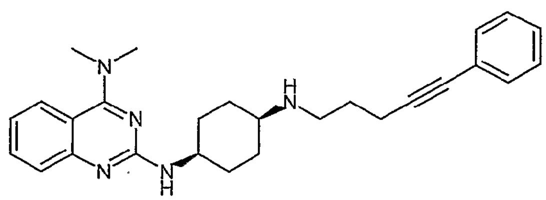
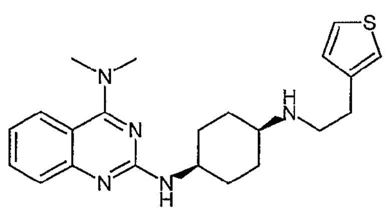
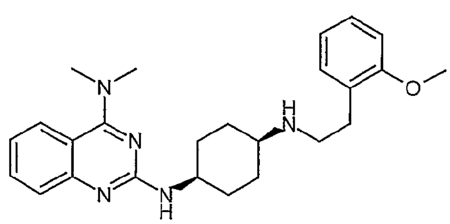
Example No.	Structure	APCI-MS
2212		448 (M + H)
2213		458 (M + H)
2214		458 (M + H)
2215		420 (M + H)
2216		419 (M + H)

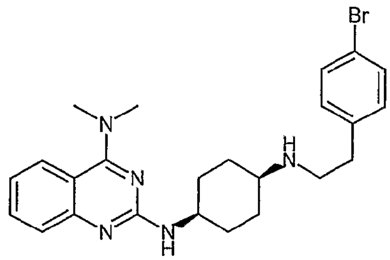
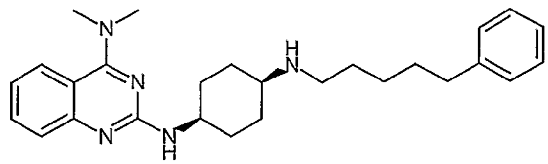
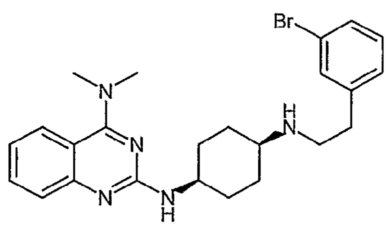
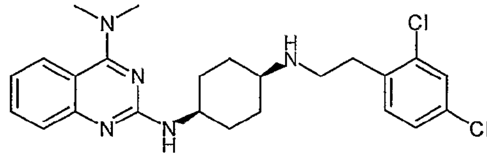
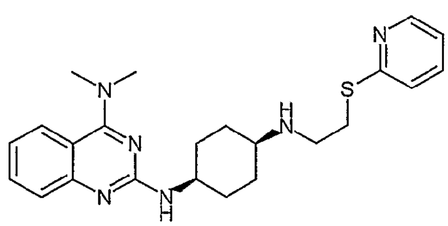
Example No.	Structure	APCI-MS
2217		440 (M + H)
2218		446 (M + H)
2219		434 (M + H)
2220		446 (M + H)
2221		404 (M + H)

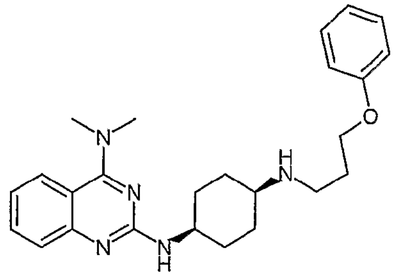
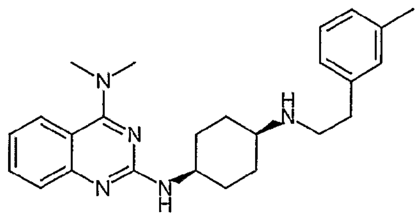
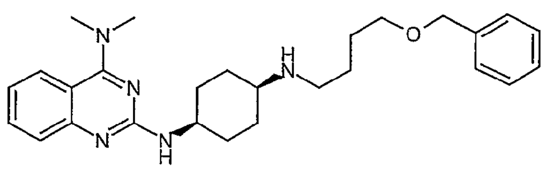
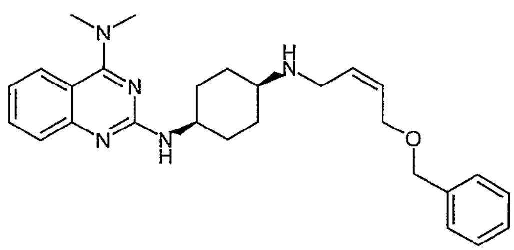
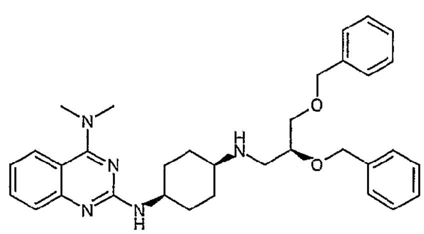
Example No.	Structure	APCI-MS
2222		408 (M + H)
2223		420 (M + H)
2224		420 (M + H)
2225		463 (M + H)
2226		460 (M + H)

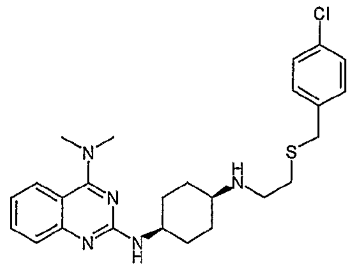
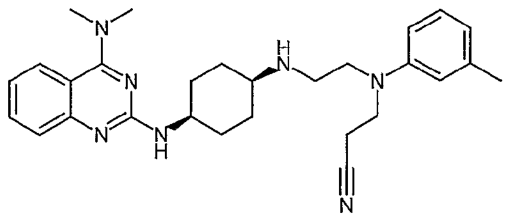
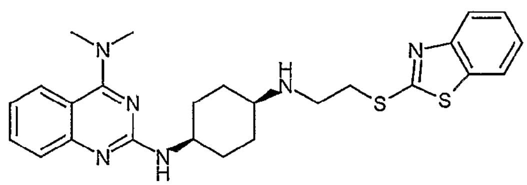
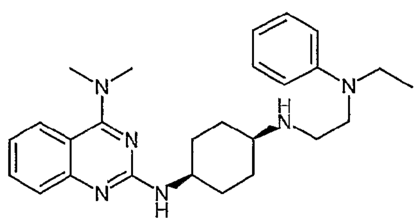
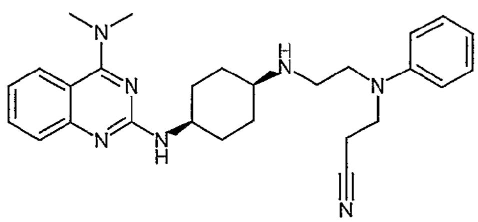
Example No.	Structure	APCI-MS
2227		462 (M + H)
2228		502 (M + H)
2229		434 (M + H)
2230		456 (M + H)
2231		432 (M + H)

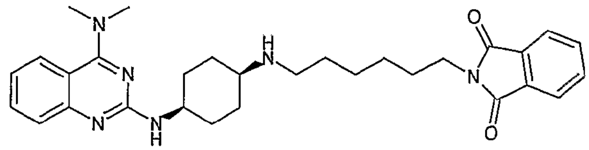
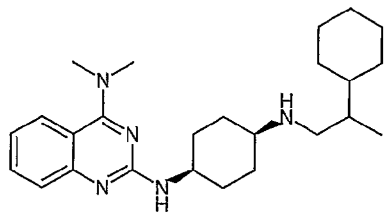
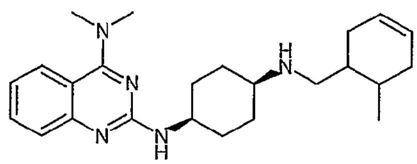
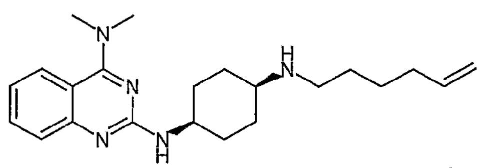
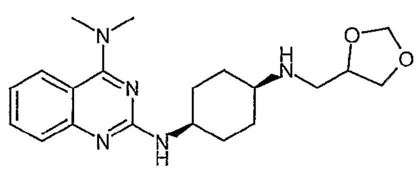
Example No.	Structure	APCI-MS
2232		460 (M + H)
2233		488 (M + H)
2234		474 (M + H)
2235		446 (M + H)
2236		484 (M + H)

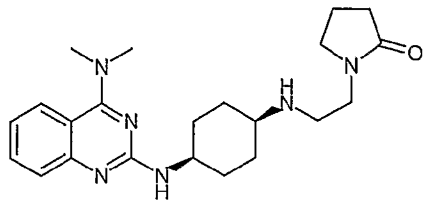
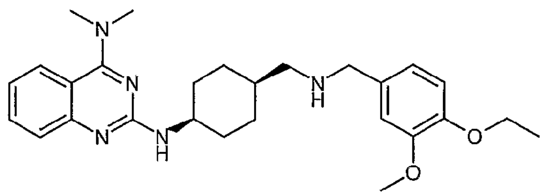
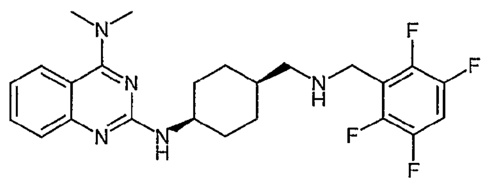
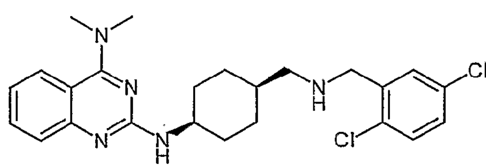
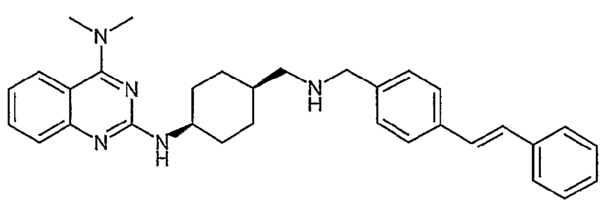
Example No.	Structure	APCI-MS
2237		420 (M + H)
2238		568 (M + H)
2239		428 (M + H)
2240		396 (M + H)
2241		420 (M + H)

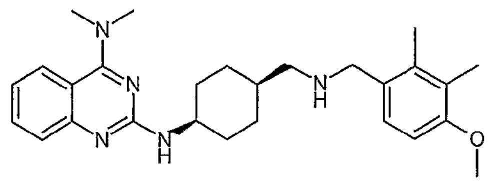
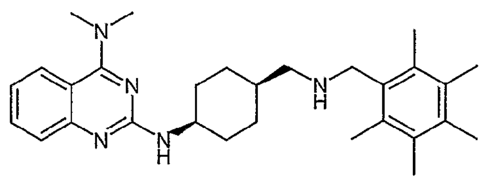
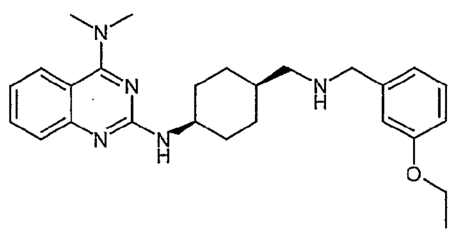
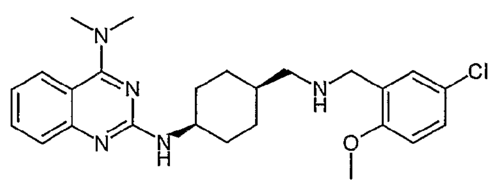
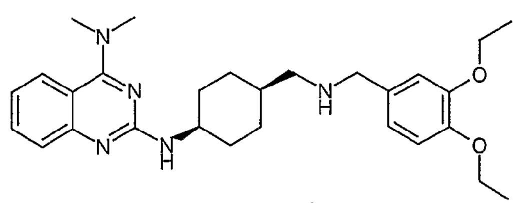
Example No.	Structure	APCI-MS
2242		468 (M + H)
2243		432 (M + H)
2244		468 (M + H)
2245		458 (M + H)
2246		423 (M + H)

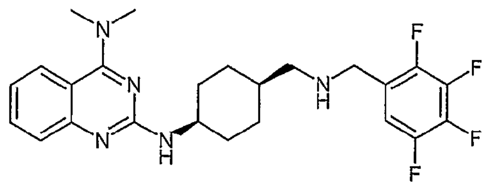
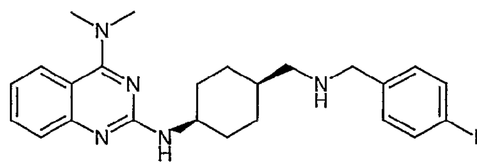
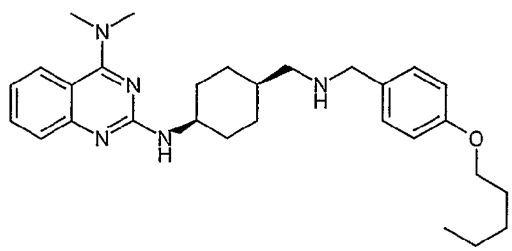
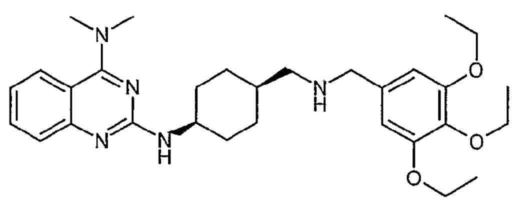
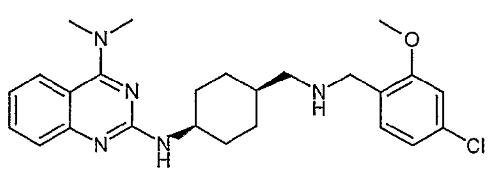
Example No.	Structure	APCI-MS
2247		420 (M + H)
2248		404 (M + H)
2249		448 (M + H)
2250		446 (M + H)
2251		540 (M + H)

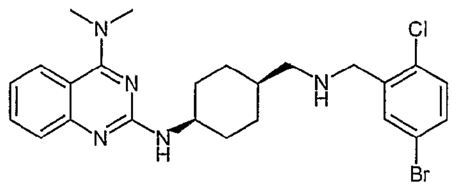
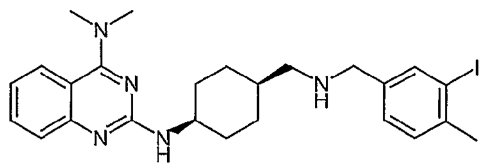
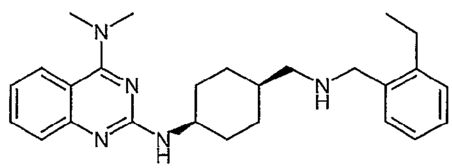
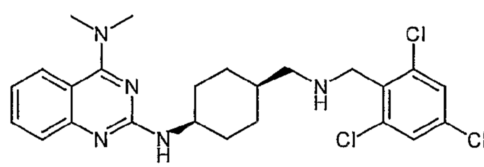
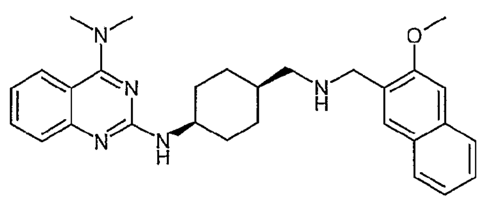
Example No.	Structure	APCI-MS
2252		470 (M + H)
2253		472 (M + H)
2254		479 (M + H)
2255		433 (M + H)
2256		458 (M + H)

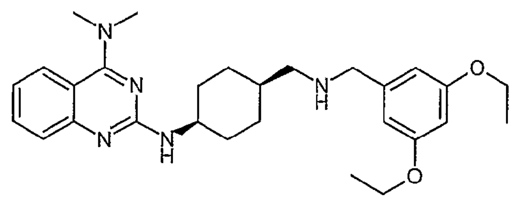
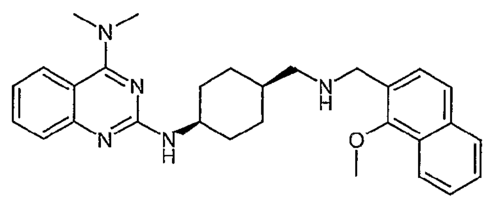
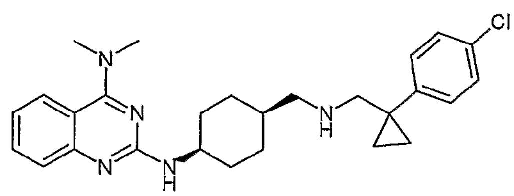
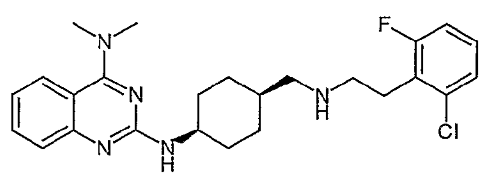
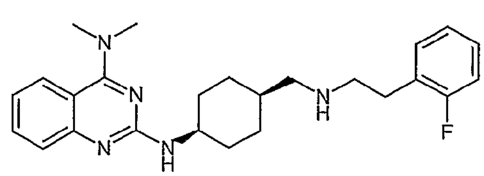
Example No.	Structure	APCI-MS
2257		515 (M + H)
2258		410 (M + H)
2259		394 (M + H)
2260		368 (M + H)
2261		372 (M + H)

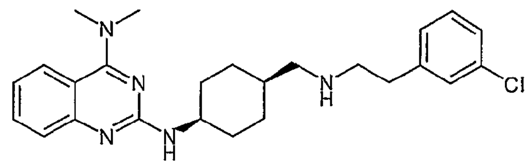
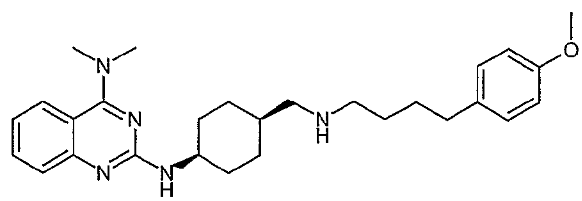
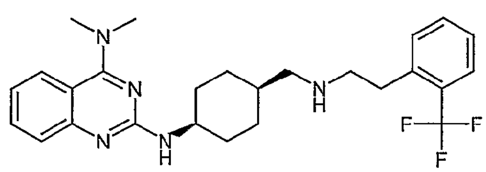
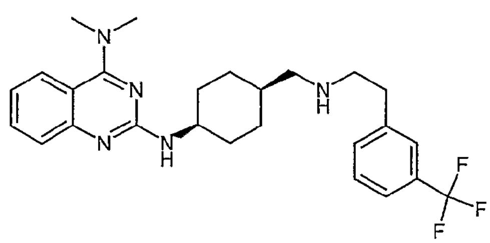
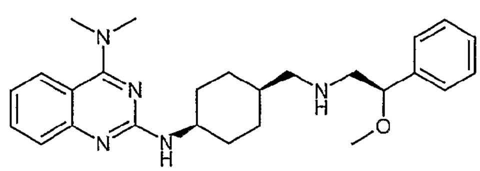
Example No.	Structure	APCI-MS
2262		397 (M + H)
2263		464 (M + H)
2264		462 (M + H)
2265		458 (M + H)
2266		492 (M + H)

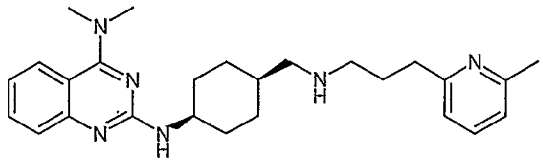
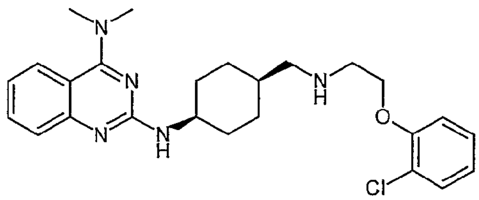
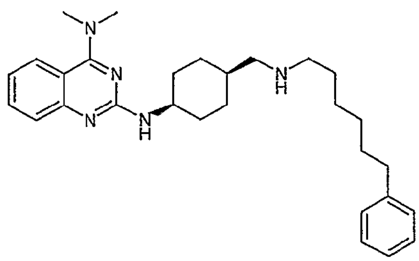
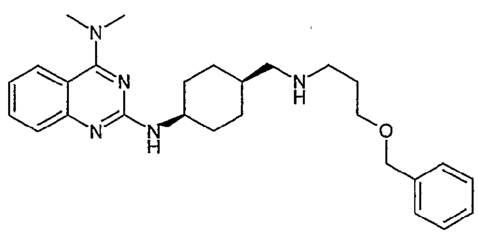
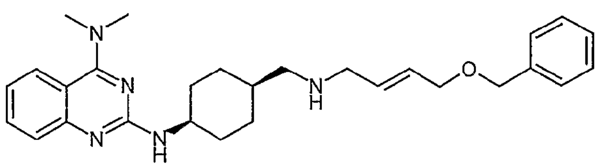
Example No.	Structure	APCI-MS
2267		448 (M + H)
2268		460 (M + H)
2269		434 (M + H)
2270		454 (M + H)
2271		478 (M + H)

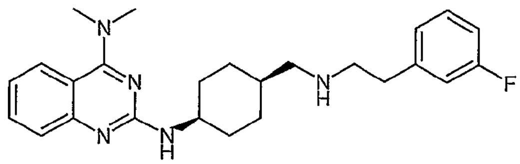
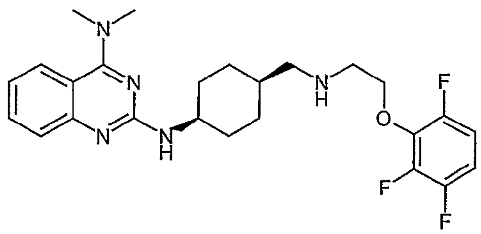
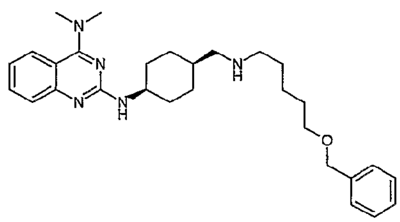
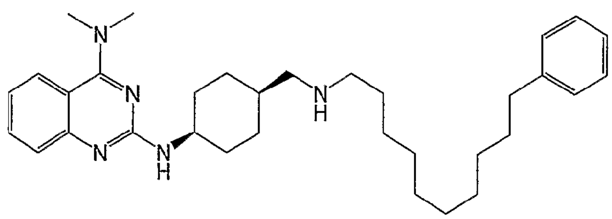
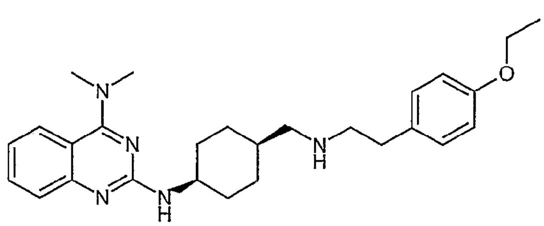
Example No.	Structure	APCI-MS
2272		462 (M + H)
2273		516 (M + H)
2274		476 (M + H)
2275		522 (M + H)
2276		454 (M + H)

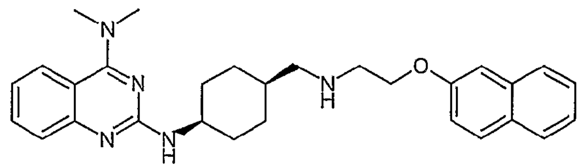
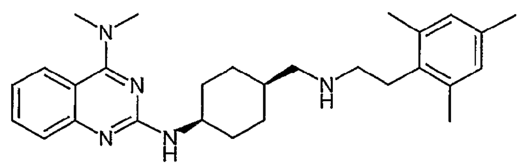
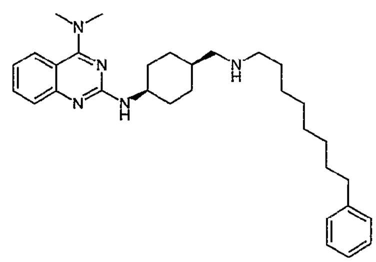
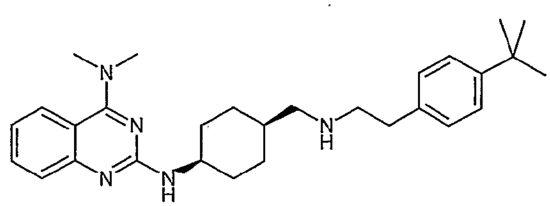
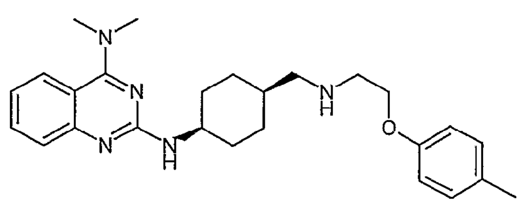
Example No.	Structure	APCI-MS
2277		502 (M + H)
2278		530 (M + H)
2279		418 (M + H)
2280		492 (M + H)
2281		470 (M + H)

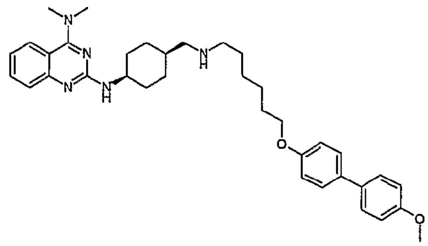
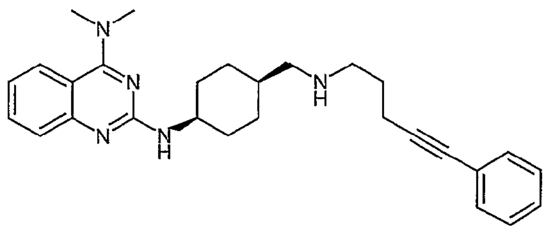
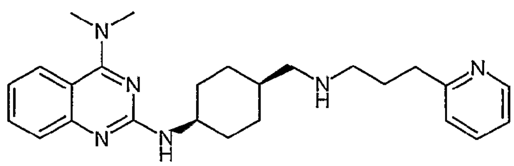
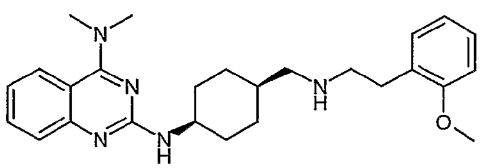
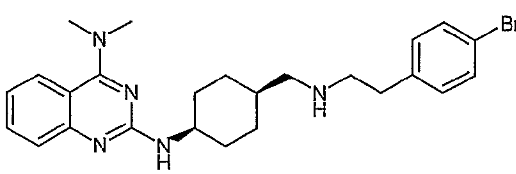
Example No.	Structure	APCI-MS
2282		478 (M + H)
2283		470 (M + H)
2284		464 (M + H)
2285		456 (M + H)
2286		422 (M + H)

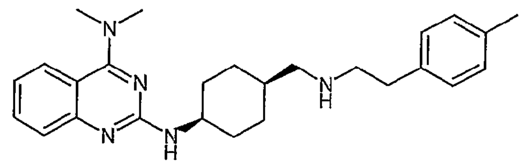
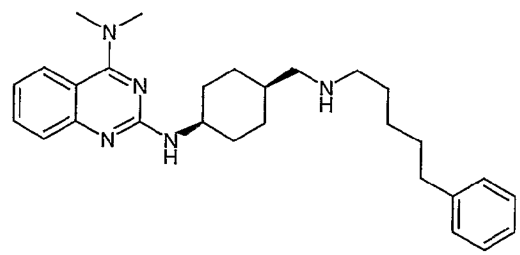
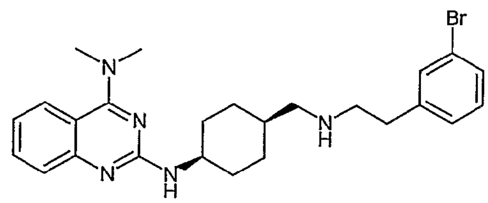
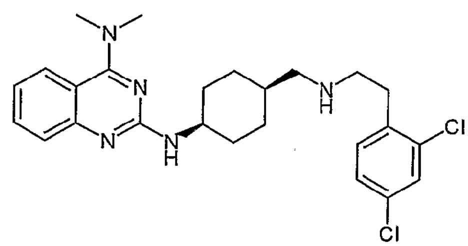
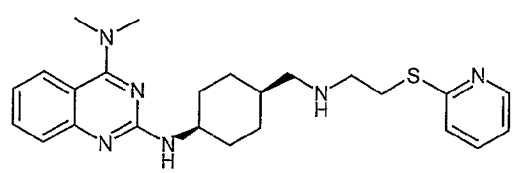
Example No.	Structure	APCI-MS
2287		438 (M + H)
2288		462 (M + H)
2289		472 (M + H)
2290		472 (M + H)
2291		434 (M + H)

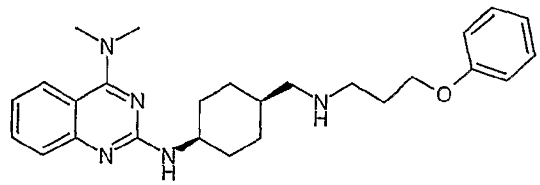
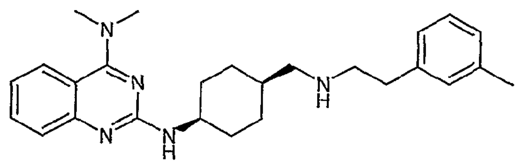
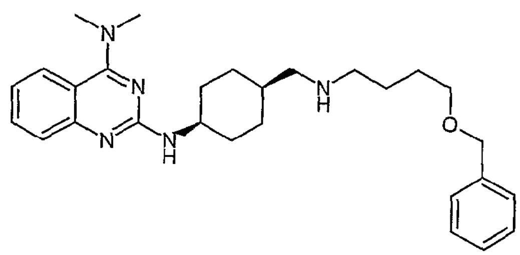
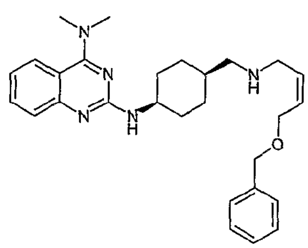
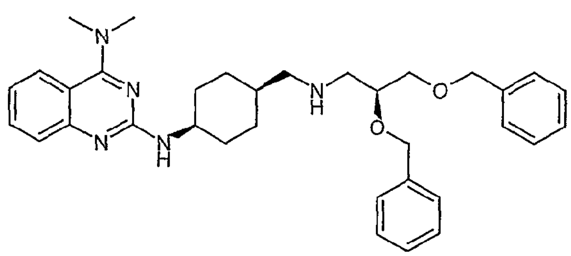
Example No.	Structure	APCI-MS
2292		433 (M + H)
2293		454 (M + H)
2294		460 (M + H)
2295		448 (M + H)
2296		460 (M + H)

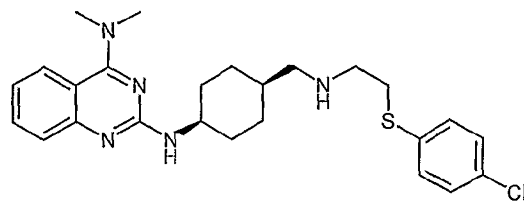
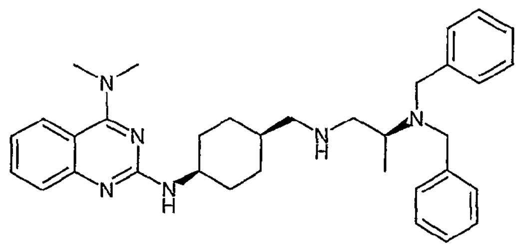
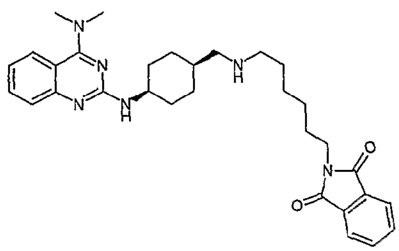
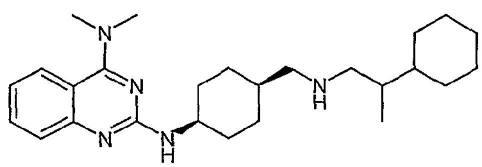
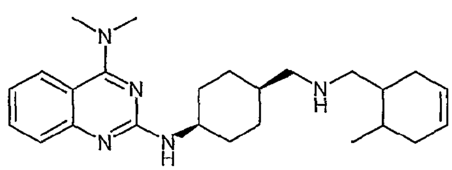
Example No.	Structure	APCI-MS
2297		422 (M + H)
2298		474 (M + H)
2299		476 (M + H)
2300		516 (M + H)
2301		448 (M + H)

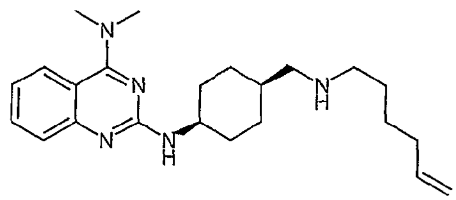
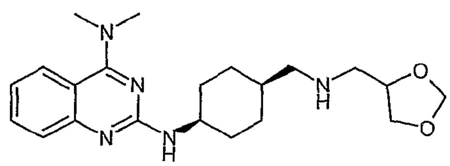
Example No.	Structure	APCI-MS
2302		470 (M + H)
2303		446 (M + H)
2304		488 (M + H)
2305		460 (M + H)
2306		434 (M + H)

Example No.	Structure	APCI-MS
2307		582 (M + H)
2308		442 (M + H)
2309		419 (M + H)
2310		434 (M + H)
2311		482 (M + H)

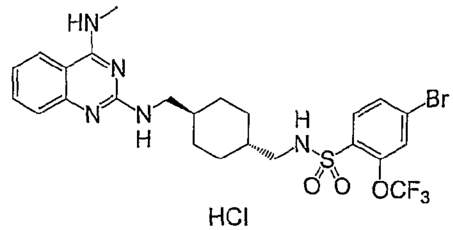
Example No.	Structure	APCI-MS
2312		418 (M + H)
2313		446 (M + H)
2314		482 (M + H)
2315		472 (M + H)
2316		437 (M + H)

Example No.	Structure	APCI-MS
2317		434 (M + H)
2318		418 (M + H)
2319		462 (M + H)
2320		460 (M + H)
2321		554 (M + H)

Example No.	Structure	APCI-MS
2322		470 (M + H)
2323		537 (M + H)
2324		529 (M + H)
2325		424 (M + H)
2326		408 (M + H)

Example No.	Structure	APCI-MS
2327		382 (M + H)
2328		386 (M + H)

Example 2329



***trans*-4-Bromo-*N*-{4-[(4-methylamino-quinazolin-2-ylamino)-methyl]-cyclohexylmethyl}-2-trifluoromethoxy-benzenesulfonamide hydrochloride**

Step A: Synthesis of *trans*-4-[(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-methyl]-cyclohexanecarboxylic acid.

To a solution of *trans*-4-aminomethyl-cyclohexanecarboxylic acid (3.14 g, 20 mmol) in THF (20 mL) and 1 M aqueous sodium hydroxide (42 mL) was added a solution of 4-bromo-2-trifluoromethoxy benzenesulfonyl chloride (6.9 g, 20.4 mmol) in THF (20 mL) and the mixture was stirred for 2 hr at ambient temperature. The resulting mixture was concentrated and 1 M aqueous HCl (45 mL) was added. The resulting precipitate was filtered, washed with water and hexanes to give *trans*-4-[(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-methyl]-cyclohexanecarboxylic acid (7.18 g, 78%) as a white powder.

ESI MS m/e 460/462 M + H^+ ; ^{1}H NMR (500 MHz, DMSO-d_6) δ 12.00 (brs, 1 H), 7.99 (brs, 1 H), 7.84-7.80 (m, 3 H), 2.72 (d, J = 6.3 Hz, 2 H), 2.10 (m, 1 H), 1.86 (m, 2 H), 1.71 (m, 2 H), 1.31 (m, 1 H), 1.23 (m, 2 H), 0.87 (m, 2 H).

Step B: Synthesis of *trans*-4-[(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-methyl]-cyclohexanecarboxylic acid amide.

A solution of *trans*-4-[(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-methyl]-cyclohexanecarboxylic acid (7.14 g, 15.5 mmol) and triethylamine (2.35 mL, 16.9 mmol) in THF (25 mL) was cooled to 0 ^{0}C. To the mixture was added ethyl chloroformate (1.62 mL, 17 mmol) in THF (5 mL) over 10 min. After stirring at 0 ^{0}C for 15 min, aqueous ammonia (27 mL) was added dropwise and the mixture was stirred at ambient temperature for 2 hr. The mixture was concentrated under reduced pressure and the concentrate was treated with water to give a solid. The solid was filtered and washed with water and hexanes to give *trans*-4-[(4-bromo-2-trifluoromethoxy-

benzenesulfonylamino)-methyl]-cyclohexanecarboxylic acid amide as a white solid (4.2 g, 59%).

ESI MS m/e 459/461 M + H^+ ; ^1H NMR (500 MHz, DMSO-d_6) δ 7.98 (brs, 1 H), 7.84-7.80 (m, 3 H), 7.13 (s, 1 H), 6.62 (s, 1 H), 2.72 (d, J = 6.5 Hz, 2 H), 1.98 (m, 1 H), 1.70 (m, 4 H), 1.29 (m, 1 H), 1.23 (m, 2 H), 0.83 (m, 2 H).

Step C: Synthesis of *trans*-*N*-(4-aminomethyl-cyclohexylmethyl)-4-bromo-2-trifluoromethoxy-benzenesulfonamide.

To a solution of *trans*-4-[(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-methyl]-cyclohexanecarboxylic acid amide (4.2 g, 9.2 mmol) in THF (40 mL) was added a solution of 1 M BH_3 in THF (32 mL, 32 mmol) over 40 min. The mixture was refluxed for 2 hr. After cooling to 0 °C, the mixture was quenched with water (7 mL). To the resulting mixture were added 4 M HCl in EtOAc (28 mL) and MeOH (28 mL) and the mixture was concentrated. To the residue was added MeOH (28 mL) and the mixture was once again concentrated. The resulting HCl-salt was recrystallized from Et_2O and subsequently neutralized with 1 M aqueous sodium hydroxide. The aqueous layer was extracted with CH_2Cl_2 (twice), the organic layers combined, dried over sodium sulfate, and concentrated under reduced pressure to give *trans*-*N*-(4-aminomethyl-cyclohexylmethyl)-4-bromo-2-trifluoromethoxy-benzenesulfonamide as a white solid (3.0 g, 74%).

ESI MS m/e 445/447 M + H^+ ; ^1H NMR (500 MHz, DMSO-d_6) δ 7.84-7.79 (m, 3 H), 3.42 (brs, 2 H), 2.72 (d, J = 6.8 Hz, 2 H), 2.33 (d, J = 6.5 Hz, 2 H), 1.73 (m, 4 H), 1.27 (m, 1 H), 1.09 (m, 1 H), 0.80 (m, 4 H).

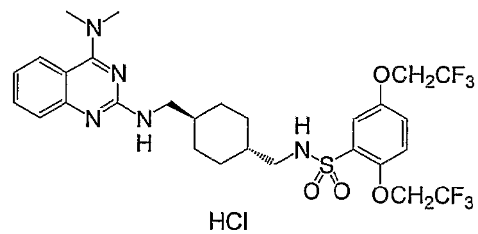
Step D: Synthesis of *trans*-4-Bromo-*N*-{4-[(4-methylamino-quinazolin-2-ylamino)-methyl]-cyclohexylmethyl}-2-trifluoromethoxy-benzenesulfonamide hydrochloride.

A mixture of (2-chloro-quinazolin-4-yl)-methylamine obtained in step A of example 50 (58 mg, 0.3 mmol) and *trans*-*N*-(4-aminomethyl-cyclohexylmethyl)-4-bromo-2-trifluoromethoxy-benzenesulfonamide amide (133 mg, 0.3 mmol) in 2-propanol (0.5 mL) was stirred at reflux for 24 hr. The mixture was cooled and the resulting white solid was collected by filtration and washed with 2-propanol to give *trans*-4-Bromo-*N*-{4-[(4-methylamino-quinazolin-2-ylamino)-methyl]-cyclohexylmethyl}-2-trifluoromethoxy-benzenesulfonamide hydrochloride as a white solid (121 mg, 67%).

ESI MS m/e 602/604 M + H^+ ; ^1H NMR (500 MHz, DMSO-d_6) δ 12.61 (brs, 1 H), 9.70

(brs, 1 H), 8.26 (d, J = 8.1 Hz, 1 H), 8.15 (brs, 1 H), 8.02 (t, J = 5.7 Hz, 1 H), 7.84-7.74 (m, 4 H), 7.41 (m, 1 H), 3.32 (m, 2 H), 3.07 (d, J = 3.5 Hz, 3 H), 2.73 (t, J = 6.2 Hz, 2 H), 1.77 (m, 4 H), 1.53 (m, 1 H), 1.32 (m, 1 H), 0.96 (m, 2 H), 0.82 (m, 2 H).

Example 2330



***trans-N*-{4-[(4-Dimethylamino-quinazolin-2-ylamino)-methyl]-cyclohexylmethyl}-2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonamide hydrochloride**

Step A: Synthesis of *trans*-4-{[2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonylamino]-methyl}-cyclohexanecarboxylic acid.

To a solution of *trans*-4-aminomethyl-cyclohexanecarboxylic acid (1.5 g, 10 mmol) in THF (10 mL) and 1 M aqueous sodium hydroxide (27 mL) was added a solution of 2,5-bis(2,2,2-trifluoroethoxy) benzenesulfonyl chloride (3.8 g, 10.25 mmol) in THF (10 mL) dropwise and the mixture was stirred at ambient temperature for 2 hr. The resulting mixture was concentrated and 1 M aqueous HCl (22.5 mL) was added. The resulting precipitate was filtered, washed with water and hexanes to give *trans*-4-{[2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonylamino]-methyl}-cyclohexanecarboxylic acid as a white powder (2.8 g, 57%).

ESI MS m/e 494 M + H^+ ; ^{1}H NMR (500 MHz , DMSO-d_6) δ 7.36 (m, 3 H), 7.23 (brs, 1 H), 4.88 (m, 4 H), 2.73 (m, 2 H), 2.10 (m, 1 H), 1.87 (m, 2 H), 1.72 (m, 2 H), 1.30 (m, 1 H), 1.23 (m, 2 H), 0.87 (m, 2 H).

Step B: Synthesis of *trans*-4-{[2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonylamino]-methyl}-cyclohexanecarboxylic acid amide.

A solution of *trans*-4-{[2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonylamino]-methyl}-cyclohexanecarboxylic acid (2.78 g, 5.63 mmol) and triethylamine (1.9 mL,

13.6 mmol) in THF (25 mL) was cooled to 0 ^{0}C. To the mixture was added ethyl chloroformate (0.586 mL, 6.2 mmol) in THF (5 mL) over 10 min. After stirring at 0 ^{0}C for 15 min, 25% aqueous ammonia (10 mL) was added dropwise. The mixture was stirred at ambient temperature for 2 hr. The resulting mixture was concentrated under reduced pressure and the concentrate was diluted with water to give a solid. The solid was filtered and washed with water and hexanes to give *trans*-4-{[2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonylamino]-methyl}-cyclohexanecarboxylic acid amide as a white solid (2.7 g, 98%).

ESI MS m/e 493 M + H$^+$; ^{1}H NMR (500 MHz, DMSO-d$_6$) δ 7.36 (m, 3 H), 7.23 (t, *J* = 6.1 Hz, 1 H), 7.13 (s, 1 H), 6.62 (s, 1 H), 4.88 (m, 4 H), 2.74 (t, *J* = 6.4 Hz, 2 H), 1.99 (m, 1 H), 1.75 (m, 4 H), 1.28 (m, 1 H), 1.23 (m, 2 H), 0.83 (m, 2 H).

Step C: Synthesis of *trans-N*-(4-aminomethyl-cyclohexylmethyl)-2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonamide.

To a solution of *trans*-4-{[2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonylamino]-methyl}-cyclohexanecarboxylic acid amide (2.7 g, 5.5 mmol) in THF (20 mL) was added a solution of 1 M BH_3 in THF (20 mL, 20 mmol) over 40 min. The mixture was stirred at reflux for 2 hr. After cooling to 0 ^{0}C, the mixture was quenched with water (7 mL). To the mixture were added 4 M HCl in EtOAc (28 mL) and MeOH (50 mL) and the mixture was concentrated. To the residue was added MeOH (50 mL) and the mixture was once again concentrated. The resulting HCl-salt was recrystallized from Et_2O and subsequently neutralized with 1 M aqueous sodium hydroxide. The aqueous layer was extracted with CH_2Cl_2 (twice), the combined organic layers were dried over sodium sulfate, and concentrated under reduced pressure to give *trans-N*-(4-aminomethyl-cyclohexylmethyl)-2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonamide as a white solid (1.5 g, 57%).

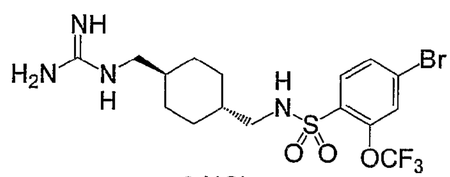
ESI MS m/e 479 M + H$^+$; ^{1}H NMR (500 MHz, DMSO-d$_6$) δ 7.36-7.32 (m, 3 H), 6.62 (brs, 1 H), 4.88-4.78 (m, 4 H), 3.42 (b, 2 H), 2.73 (d, *J* = 6.6 Hz, 2 H), 2.34 (d, *J* = 6.3 Hz, 2 H), 1.73 (m, 4 H), 1.27 (m, 1 H), 1.10 (m, 1 H), 0.77 (m, 4 H).

Step D: Synthesis of *trans-N*-{4-[(4-Dimethylamino-quinazolin-2-ylamino)-methyl]-cyclohexylmethyl}-2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonamide hydrochloride.

A mixture of (2-chloro-quinazoline-4-yl)-dimethyl-amine obtained in step B of example 1 (41.4 mg, 0.2 mmol) and *trans-N*-(4-aminomethyl-cyclohexylmethyl)-2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonamide (95.6 mg, 0.2 mmol) in 2-propanol was stirred at reflux for 24 hr. The reaction mixture was concentrated and the residue was purified by column chromatography (silica gel) to give the product as a white foam. The product was dissolved in CH_2Cl_2 and treated with 1 M HCl in Et_2O. The mixture was concentrated to give *trans-N*-{4-[(4-Dimethylamino-quinazolin-2-ylamino)-methyl]-cyclohexylmethyl}-2,5-bis-(2,2,2-trifluoro-ethoxy)-benzenesulfonamide hydrochloride as a white foam (101 mg, 78%).

ESI MS m/e 650 M + H^+ ; ^{1}H NMR (500 MHz, DMSO-d_6) δ 8.16 (d, J = 8.2 Hz, 1 H), 8.00 (brs, 1 H), 7.78 (t, J = 7.9, 1 H), 7.44 (brs, 1 H), 7.34 (m, 4 H), 7.24 (t, J = 5.9 Hz, 1 H), 4.88 (m, 4 H), 3.32 (s, 6 H), 3.29 (m, 2 H), 2.75 (t, J = 6.2 Hz, 2 H), 1.74 (m, 4 H), 1.52 (m, 1 H), 1.32 (m, 1 H), 0.94 (m, 2 H), 0.83 (m, 2 H).

Example 2331



***trans*-4-Bromo-*N*-(4-guanidinomethyl-cyclohexylmethyl)-2-trifluoromethoxy-benzenesulfonamide dihydrochloride**

Step A: Synthesis of *trans*-[({4-[(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-methyl]-cyclohexylmethyl}-amino)-*tert*-butoxycarbonylamino-methyl]-carbamic acid *tert*-butyl ester.

To a solution of *trans-N*-(4-aminomethyl-cyclohexylmethyl)-4-bromo-2-trifluoromethoxy-benzenesulfonamide obtain in step C of example 2329 (45 mg, 0.1 mmol) and triethylamine (14 μL, 0.1 mmol) in CH_2Cl_2 (5 mL) was added (*tert*-butoxycarbonylamino-trifluoromethanesulfonylimino-methyl)-carbamic acid *tert*-butyl ester (39.1 mg, 0.1 mmol). The reaction mixture was stirred at ambient temperature for 2 hr and concentrated. The residue was purified by column chromatography (silica gel,

CH_2Cl_2 to 10% MeOH in CH_2Cl_2) to give *trans*-[({4-[(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-methyl]-cyclohexylmethyl}-amino)-*tert*-butoxycarbonylamino-methyl]-carbamic acid *tert*-butyl ester as a white solid (63 mg, 92%).

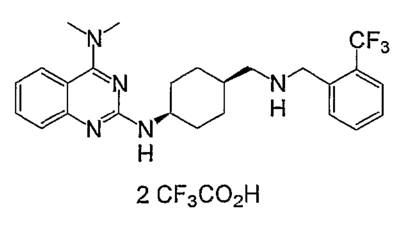
ESI MS m/e 687/689 M + H^+ ; ^{1}H NMR (400 MHz , DMSO-d_6) δ 11.45 (s, 1 H), 8.22 (t, J = 5.6 Hz , 1 H), 7.97 (t, J = 5.6 Hz, 1 H), 7.99-7.79 (m, 3 H), 3.13 (t, J = 6.4 Hz, 2 H), 2.72 (t, J = 6 Hz, 2 H), 1.70 (m, 4 H), 1.46 (s, 9 H), 1.38 (s, 9 H), 1.31 (m, 2 H), 0.83 (m, 4 H).

Step B: Synthesis of *trans*-4-bromo-*N*-(4-guanidinomethyl-cyclohexylmethyl)-2-trifluoromethoxy-benzenesulfonamide dihydrochloride.

A solution of *trans*-[({4-[(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-methyl]-cyclohexylmethyl}-amino)-*tert*-butoxycarbonylamino-methyl]-carbamic acid *tert*-butyl ester (53 mg, 0.077 mmol) in 50% TFA in CH_2Cl_2 (2 mL) was stirred at ambient temperature for 3 hr and the reaction mixture was concentrated. To the residue was added a solution of 1 M HCl in Et_2O (0.5 mL) and the mixture was concentrated to give *trans*-4-Bromo-*N*-(4-guanidinomethyl-cyclohexylmethyl)-2-trifluoromethoxy-benzenesulfonamide dihydrochloride as a white solid (29 mg, 68%).

ESI MS m/e 487/489 M + H^+ ; ^{1}H NMR (500 MHz, DMSO-d_6) δ 8.01 (t, J = 5.5 Hz, 1 H), 7.84 (m, 3 H), 7.68 (m, 1 H), 7.30 (m, 2 H), 6.85 (m, 2 H), 2.94 (t, J = 6.1 Hz, 2 H), 2.74 (t, J = 6.1 Hz, 2 H), 1.71 (m, 2 H), 1.31 (m, 4 H), 0.86 (m, 4 H).

Example 2332



***cis*-N^4,N^4-Dimethyl-N^2-{4-[(2-trifluoromethyl-benzylamino)-methyl]-cyclohexyl}-quinazoline-2,4-diamine ditrifluoro-acetic acid**

Step A: Synthesis of *cis*-4-*tert*-butoxycarbonylamino-cyclohexanecarboxylic acid.

To a solution of *cis*-4-amino-cyclohexanecarboxylic acid (50 g, 350 mmol) in THF

(200 mL) and 1 M aqueous sodium hydroxide (380 mL, 380 mmol) was added $(Boc)_2O$ (83.5 g, 360 mmol). The reaction mixture was stirred at ambient temperature for 2 hr and concentrated. The residue was cooled to 0 °C followed by acidification with 1 M HCl (pH = 3). The resulting white solid was filtered, washed with water and hexanes to give *cis*-4-*tert*-butoxycarbonylamino-cyclohexanecarboxylic acid (71g, 83%) as a white solid. ESI MS m/e 244 M + H^+ ; ^{1}H NMR (400 MHz, DMSO-d_6) δ 12.00 (brs, 1 H), 6.74 (d, J = 4.25, 1 H), 3.30 (brs, 1 H), 2.35 (m, 1 H), 1.87 (m, 2 H), 1.55-1.37 (m, 15 H).

Step B: Synthesis of *cis*-(4-carbamoyl-cyclohexyl)-carbamic acid *tert*-butyl ester.

To a solution cooled at 0°C of *cis*-4-*tert*-butoxycarbonylamino-cyclohexanecarboxylic acid (68.0 g, 280 mmol) and triethylamine (31.1 g, 307 mmol) in THF (300 mL) was added ethyl chloroformate (29.3 mL, 308 mmol) dropwise. After stirring at 0 °C for 30 min, 25% aqueous ammonia (168 mL) was added dropwise. The reaction mixture was stirred at ambient temperature for 2 hr and concentrated. The residue was extracted with EtOAc (three times). The combined organic layer was washed with saturated aqueous $NaHCO_3$, 1 M HCl, brine, and water, dried over Na_2SO_4, filtered, and concentrated to give *cis*-(4-carbamoyl-cyclohexyl)-carbamic acid *tert*-butyl ester (62.0 g, 88%) as a white solid.

ESI MS m/e 243 M + H^+ ; ^{1}H NMR (400 MHz, DMSO-d_6) δ 7.10 (brs, 1 H), 6.69 (b, 2 H), 3.41 (brs, 1 H), 2.14 (m, 1 H), 1.79 (m, 2 H), 1.59 (m, 2 H), 1.45-1.37 (m, 13 H).

Step C: Synthesis of *cis*-4-amino-cyclohexanecarboxylic acid amide hydrochloride.

To a solution of *cis*-(4-carbamoyl-cyclohexyl)-carbamic acid *tert*-butyl ester (62 g, 256 mmol) in CH_2Cl_2 (250 mL) was added TFA (250 mL) and the mixture was stirred at ambient temperature for 1 hr. The mixture was concentrated and 2 M HCl in Et_2O (150 mL) was added to give a white precipitate. The mixture was concentrated to give *cis*-4-amino-cyclohexanecarboxylic acid amide hydrochloride (45 g, 98%) as a white solid.

ESI MS m/e 143 M + H^+ ; ^{1}H NMR (400 MHz, DMSO-d_6) δ 8.08 (m, 3 H), 7.28 (s, 1 H), 6.78 (s, 1 H), 3.10 (m, 1 H), 2.24 (m, 1 H), 1.90 (m, 2 H), 1.66 (m, 4 H), 1.50 (m, 2 H).

Step D: Synthesis of *cis*-4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexanecarboxylic acid amide.

A solution of (2-chloro-quinazolin-4-yl)-dimethyl-amine obtained in step B of

example 1 (31.05 g, 150 mmol) and *cis*-4-amino-cyclohexanecarboxylic acid amide hydrochloride (26.7 g, 150 mmol) in pyridine (150 mL) was stirred at reflux for overnight. The reaction mixture was concentrated and residue was dissolve in CH_2Cl_2. The organic layer was washed with saturated aqueous $NaHCO_3$ and the aqueous layer was extracted with CH_2Cl_2. The organic layer was dried over Na_2SO_4, filtered and concentrated. The residue was purified by column chromatography (silica gel, 2% to 10% 2 M NH_3/MeOH in CH_2Cl_2) to give a slightly brown solid and the solid was recrystallized from CH_2Cl_2 to give *cis*-4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexanecarboxylic acid amide (20.6 g, 44%) as yellow crystals.

ESI MS m/e 314 M + H^+ ; ^1H NMR (400 MHz, DMSO-d_6) δ 8.19 (brs, 1 H), 8.15 (d, J = 8.4 Hz, 1 H), 7.77 (t, J = 8.0 Hz, 1 H), 7.42 (d, J = 7.2 Hz, 1 H), 7.35 (t, J = 8.4 Hz, 1 H), 7.21 (s, 1 H), 6.74 (s, 1 H), 4.12 (m, 1 H), 3.46 (m, 6 H), 2.24 (m, 1 H), 1.79-1.61 (m, 8 H).

Step E: Synthesis of *cis*-N^2-(4-aminomethyl-cyclohexyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine.

To a solution of *cis*-4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexanecarboxylic acid amide (18.78 g, 60 mmol) in THF (200 mL) was added a solution of 1 M BH_3 in THF (300 mL, 300 mmol). The mixture was stirred at reflux for 2 hr. After cooling the reaction mixture to 0 ^{0}C, 4 M HCl in EtOAc (100 mL) and MeOH (200 mL) were added. The mixture was concentrated. The mixture was treated with 1 M aqueous sodium hydroxide and the aqueous layer was extracted with CH_2Cl_2. The organic layer was dried over sodium sulfate, concentrated, and purified by column chromatography (silica gel, 10% 2 M NH_3/MeOH in CH_2Cl_2) to give *cis*-N^2-(4-aminomethyl-cyclohexyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine as a white solid (10.6 g, 59%).

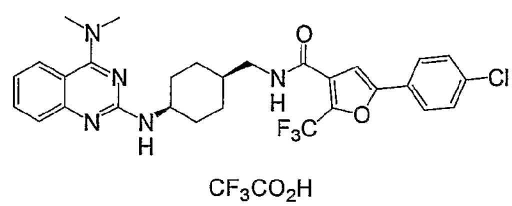
ESI MS m/e 300 M + H^+ ; ^1H NMR (400 MHz, DMSO-d_6) δ 7.84 (d, J = 8.4 Hz, 1 H), 7.46 (t, J = 6.8 Hz, 1 H), 7.26 (d, J = 8.4 Hz, 1 H), 6.99 (t, J = 6.8 Hz, 1 H), 6.28 (brs, 1 H), 4.02 (m, 1 H), 3.19 (m, 6 H), 2.47 (d, J = 6.8 Hz, 2 H), 2.73 (m 2 H), 1.68-1.33 (m, 9 H).

Step F: Synthesis of *cis*-N^4,N^4-dimethyl-N^2-{4-[(2-trifluoromethyl-benzylamino)-methyl]-cyclohexyl}-quinazoline-2,4-diamine ditrifluoro-acetic acid.

A solution of *cis*-N^2-(4-aminomethyl-cyclohexyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine (33 mg, 0.11 mmol) and 2-trifluoromethyl benzaldehyde (17.41 mg, 0.1 mmol) in MeOH (1 mL) was stirred at ambient temperature for 3 hr. To the mixture was added $NaBH(OAc)_3$ (85 mg, 0.4 mmol) and the mixture was stirred at ambient temperature for overnight. This resulting mixture was quenched with 50% DMSO in water (2 mL) and the solution was purified by preparative HPLC. The pure fractions were combined and lyophilized to give *cis*-N^4,N^4-dimethyl-N^2-{4-[(2-trifluoromethyl-benzylamino)-methyl]-cyclohexyl}-quinazoline-2,4-diamine ditrifluoro-acetic acid (41.4 mg, 60%) as a white solid.

ESI MS m/e 458 M + H^+ ; ^{1}H NMR (400 MHz, DMSO-d_6) δ 13.12 (brs, 1 H), 8.94 (b, 2 H), 8.65 (d, J = 6.8 Hz, 1 H), 8.16 (d, J = 8.8 Hz, 1 H), 7.77-7.66 (m, 5 H), 7.41 (d, J = 8.4 Hz, 1 H), 7.35 (t, J = 8 Hz, 1 H), 4.22 (s, 2 H), 4.17 (m, 1 H), 3.46 (b, 6 H), 2.94 (m, 2 H), 1.87-1.44 (m, 9 H).

Example 2333



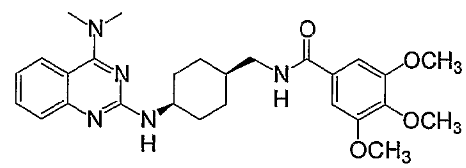
***cis*-5-(4-Chloro-phenyl)-2-trifluoromethyl-furan-3-carboxylic acid [4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexylmethyl]-amide trifluoro-acetic acid**

Step A: Synthesis of *cis*-5-(4-chloro-phenyl)-2-trifluoromethyl-furan-3-carboxylic acid [4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexylmethyl]-amide trifluoro-acetic acid.

A solution of *cis*-N^2-(4-aminomethyl-cyclohexyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine obtained in step E of example 2332 (30 mg, 0.1 mmol), 5-(4-chloro-phenyl)-2-trifluoromethyl-furan-3-acid chloride (37 mg, 0.12 mmol), and pyridine (12 μL, 0.15 mmol) in DMF (0.5 mL) was stirred at ambient temperature for overnight. The resulting mixture was diluted with DMSO (0.8 mL) and the mixture was purified by preparative

HPLC. The pure fractions were combined and lyophilized to give *cis*-5-(4-chloro-phenyl)-2-trifluoromethyl-furan-3-carboxylic acid [4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexylmethyl]-amide trifluoro-acetic acid (17.5 mg, 26%) as a white solid. ESI MS m/e 572 M + H$^+$; ^{1}H NMR (400 MHz, DMSO-d$_6$) δ 12.30 (brs, 1 H), 8.65 (t, J = 6.8 Hz, 1 H), 8.19 (brs, 1 H), 8.14 (d, J = 8.0 Hz, 1 H), 7.83-7.30 (m, 8 H), 4.1 (m, 1 H), 3.46 (b, 6 H), 3.09 (m, 2 H), 1.77-1.38 (m, 9 H).

Example 2334



***cis*-*N*-[4-(4-Dimethylamino-quinazolin-2-ylamino)-cyclohexylmethyl]-3,4,5-trimethoxy-benzamide trifluoro-acetic acid**

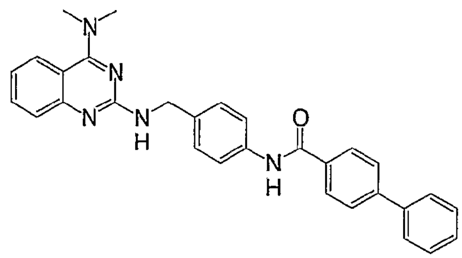
Step A: Synthesis of *cis*-*N*-[4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexylmethyl]-3,4,5-trimethoxy-benzamide trifluoro-acetic acid.

To HOBt-6-carboxaamidomethyl polystyrene 200-400 mesh (77 mg, 0.1 mmol) were added a solution of 0.3 M PyBroP in DMF (1 mL, 0.3 mmol), 3,4,5-trimethoxybenzoic acid (63 mg, 0.3 mmol), and diisopropylethylamine (85 μL, 0.5 mmol). The mixture was stirred at ambient temperature for 5 hr. The resin was washed with DMF (3 times), CH_2Cl_2 (3 times), MeOH (3 times), CH_2Cl_2 (2 times), and DMF (2 times). To the resin was added *cis*-N^2-(4-aminomethyl-cyclohexyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine obtained in step E of example 2332 (28 mg, 0.09 mmol) in DMF (0.5 mL) and the mixture was stirred at ambient temperature for overnight. The resin was filtered and washed with 0.5 mL DMSO (2 times). The combined filtrates were purified by preparative HPLC. The pure fractions were combined and lyophilized to give *cis* *N*-[4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexylmethyl]-3,4,5-trimethoxy-benzamide trifluoro-acetic acid (7.4 mg, 12%) as a white solid.

ESI MS m/e 494 M + H$^+$; ^{1}H NMR (400 MHz, DMSO-d$_6$) δ 12.25 (brs, 1 H), 8.45 (t, J = 5.6 Hz, 1 H), 8.17 (brs, 1 H), 8.14 (d, J = 8.0 Hz, 1 H), 7.76 (t, J = 8.4 Hz, 1 H), 7.42 (d, J

= 7.2 Hz, 1 H), 7.34 (t, J = 7.6 Hz, 1 H), 7.15 (s, 2 H), 4.13 (m, 1 H), 3.44 (s, 3 H), 3.39 (s, 3 H), 3.20 (m, 2 H), 1.77-1.37 (m, 9 H).

Example 2335



Biphenyl-4-carboxylic acid {4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-phenyl}-amide

Step A: Synthesis of (4-amino-benzyl)-carbamic acid *tert*-butyl ester.

A solution of 4-aminomethyl-phenylamine (12.2 g, 100 mmol) and $(Boc)_2O$ (21.8 g, 100 mmol) in CH_2Cl_2 (100 mL) was stirred at ambient temperature for overnight. The mixture was concentrated and the residue was purified by column chromatography (silica gel, CH_2Cl_2 to 10% MeOH in CH_2Cl_2) to give (4-amino-benzyl)-carbamic acid *tert*-butyl ester (11.6 g, 52%) as a slightly yellow solid.

ESI MS m/e 223 M + H^+ ; ^1H NMR (400 MHz, DMSO-d_6) δ 7.27 (t, J = 6.0 Hz, 1 H), 6.86 (d, J = 8.0 Hz, 2 H), 6.47 (d, J = 6.4 Hz, 2 H), 4.89 (s, 2 H), 3.91 (d, J = 6.0 Hz, 2 H), 1.39 (s, 9 H).

Step B: Synthesis of biphenyl-4-carboxylic acid (4-aminomethyl-phenyl)-amide hydrochloride.

To a solution of (4-amino-benzyl)-carbamic acid *tert*-butyl ester (1.11 g, 5 mmol), biphenyl carboxylic acid (0.99 g, 5 mmol), EDC (1.2 g, 6.25 mmol), and HOAt (0.82 g, 6 mmol) in CH_2Cl_2 (10 mL) was added triethylamine (pH = 10) and the mixture was stirred at ambient temperature for overnight. The organic layer was washed with saturated aqueous $NaHCO_3$, 1 M aqueous HCl, water, dried over Na_2SO_4, filtered, and concentrated. The residue was dissolved in 50% TFA in CH_2Cl_2 (10 mL) and the mixture was stirred at ambient temperature. After 30 minutes, the mixture was concentrated and diluted with 1 M HCl in Et_2O (5 mL). The mixture was concentrated to give biphenyl-4-carboxylic acid (4-aminomethyl-phenyl)-amide hydrochloride (828 mg, 49%).

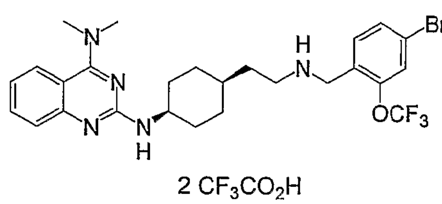
ESI MS m/e 303 M + H$^+$; ^{1}H NMR (400 MHz, DMSO-d_6) δ 10.40 (s, 1 H), 8.34 (b, 3 H), 8.07 (d, J = 8.0 Hz, 2 H), 7.83-7.73 (m, 6 H), 7.51-7.38 (m, 5 H), 4.0 (q , J = 5.6 Hz, 2 H).

Step C: Synthesis of biphenyl-4-carboxylic acid {4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-phenyl}-amide.

A mixture of (2-chloro-quinazolin-4-yl)-dimethyl-amine obtained in step B of example 1 (42 mg, 0.2 mmol) and biphenyl-4-carboxylic acid (4-aminomethyl-phenyl)-amide hydrochloride (49 mg, 0.14 mmol) in 2-propanol (1 mL) and triethylamine (200 μL) was stirred at reflux for 2 days. The resulting mixture was concentrated and purified by column chromatography (silica gel, CH_2Cl_2 to 10% 2 M NH_3/MeOH in CH_2Cl_2) to give biphenyl-4-carboxylic acid {4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-phenyl}-amide (10 mg, 15%) as a white solid.

ESI MS m/e 474 M + H$^+$; ^{1}H NMR (400 MHz, DMSO-d_6) δ 10.19 (s, 1 H), 8.02 (d, J = 7.2 Hz, 2 H), 7.86 (d, J = 8.4 Hz, 1 H), 7.80 (d, J = 8.4 Hz, 2 H), 7.73 (d, J = 7.2 Hz, 2 H), 7.68 (d, J = 7.6 Hz, 2 H), 7.50-7.15 (m, 8 H), 7.01 (t, J = 8.4 Hz, 1 H), 4.51 (d, J = 6.4 Hz, 2 H), 3.30 (s, 3 H), 3.2 (s, 3 H).

Example 2336



cis-N^2-{4-[2-(4-Bromo-2-trifluoromethoxy-benzylamino)-ethyl]-cyclohexyl}-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid

Step A: Synthesis of _cis_-[4-(2-benzyloxycarbonylamino-ethyl)-cyclohexyl]-carbamic acid _tert_-butyl ester.

To a solution of *cis*-[4-(2-amino-ethyl)-cyclohexyl]-carbamic acid *tert*-butyl ester (4.84 g, 20 mmol) in CH_2Cl_2 (50 mL) and triethylamine (3.06 mL, 22 mmol) was added benzyl chloroformate (3.13 mL, 22 mmol) and the mixture was stirred for 4 hr. The resulting mixture was washed with water, 1 M aqueous HCl, dried over Na_2SO_4, filtered and concentrated. The residue was purified by column chromatography (silica gel,

CH_2Cl_2 to 10% MeOH in CH_2Cl_2) to give *cis*-[4-(2-benzyloxycarbonylamino-ethyl)-cyclohexyl]-carbamic acid *tert*-butyl ester (5.46 g, 73%) as a colorless oil.

ESI MS m/e 377 M + H^+; ^1H NMR (400 MHz, DMSO-d_6) δ 7.36-7.24 (m, 5 H), 7.19 (t, J = 5.6 Hz, 1 H), 6.76 (d, J = 6.8 Hz, 1 H), 4.91 (s, 2 H), 3.40 (m, 1 H), 2.99 (m, 2 H), 1.44-1.33 (m, 20H).

Step B: Synthesis of *cis*-[2-(4-amino-cyclohexyl)-ethyl]-carbamic acid benzyl ester.

A solution of *cis*-[4-(2-benzyloxycarbonylamino-ethyl)-cyclohexyl]-carbamic acid *tert*-butyl ester (5.26 g, 14 mmol) in 50% TFA in CH_2Cl_2 (60 mL) was stirred at ambient temperature for 1 hr. The mixture was concentrated and the residue was diluted with saturated aqueous $NaHCO_3$. The aqueous layer was extracted with CH_2Cl_2 (therr times). The organic layer was dried over Na_2SO_4 and concentrated to give *cis*-[2-(4-amino-cyclohexyl)-ethyl]-carbamic acid benzyl ester (3.5 g, 91%) as a colorless oil.

ESI MS m/e 277 M + H^+; ^1H NMR (400 MHz, DMSO-d_6) δ 7.72 (b, 2 H), 7.34-7.27 (m, 5 H), 7.21 (t, J = 5.2 Hz, 1 H), 4.97 (s, 2 H), 3.14 (m, 1 H), 2.99 (q, J = 6.4 Hz, 2 H), 1.58-1.34 (m, 11 H).

Step C: Synthesis of *cis*{2-[4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexyl]-ethyl}-carbamic acid benzyl ester.

A mixture of (2-chloro-quinazolin-4-yl)-dimethyl-amine obtained in step B of example 1 (2.45 g, 10.2 mmol) and *cis*-[2-(4-amino-cyclohexyl)-ethyl]-carbamic acid benzyl ester (3.3 g, 10.2 mmol) and triethylamine (1.65 mL, 10.2 mmol) in 2-propanol (15 mL) was heated at 170 °C for 45 min using a Smith Microwave Synthesizer. The mixture was concentrated and the residue was purified by column chromatography (silica gel, CH_2Cl_2 to 10% 2 M NH_3/MeOH in CH_2Cl_2) to give *cis*{2-[4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexyl]-ethyl}-carbamic acid benzyl ester (4.48g, 85%) as a yellow oil.

ESI MS m/e 448 M + H^+; ^1H NMR (400 MHz, DMSO-d_6) δ 8.07-7.20 (m, 11 H), 4.98 (s, 2 H), 4.08 (m, 1 H), 3.39 (b, 6 H), 3.04 (m, 2 H), 1.7-1.3 (m, 11 H).

Step D: Synthesis of *cis*-N^2-[4-(2-amino-ethyl)-cyclohexyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine.

To a solution of *cis*-{2-[4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexyl]-

ethyl}-carbamic acid benzyl ester (4.47 g, 10 mmol) in EtOH (20 mL) was added 1,4-cyclohexadiene (20 mL) and 200 mg of 10% Pd/C. The reaction mixture was stirred at ambient temperature for 18 hr, filtered through pad of celite, and concentrated. The residue was purified by column chromatography (silica gel, 5% to 15% 2 M NH_3/MeOH in CH_2Cl_2) to give *cis*-N^2-[4-(2-amino-ethyl)-cyclohexyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine (2.41g, 77%) as a yellow oil.

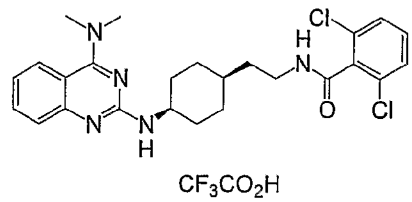
ESI MS m/e 314 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 7.82 (d, J = 8.0 Hz, 1 H), 7.44 (t, J = 6.8 Hz, 1 H), 7.27 (d, J = 8.0 Hz, 1 H), 6.97 (t, J = 6.8 Hz, 1 H), 6.31 (brs, 1 H), 3.97 (m, 1 H), 3.37 (b, 2 H), 3.17 (s, 3), 3.14 (s, 3 H), 2.62 (t, J = 7.6 Hz, 2 H), 1.68-1.31 (m, 11 H).

Step E: Synthesis of *cis*-N^2-{4-[2-(4-bromo-2-trifluoromethoxy-benzylamino)-ethyl]-cyclohexyl}-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid.

A solution of *cis*-N^2-[4-(2-amino-ethyl)-cyclohexyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine (31.4 mg, 0.1 mmol) and 4-bromo-2-trifluoromethoxy benzaldehyde (26.9 mg, 0.1 mmol) in MeOH (1 mL) was stirred at ambient temperature. After 3 hr, $NaBH(OAc)_3$ (85 mg, 0.4 mmol) was added and the resulting mixture was stirred at ambient temperature for overnight. The reaction mixture was quenched with 50% DMSO in water (2 mL). The mixture was concentrated and purified by preparative HPLC. The pure fractions were combined and lyophilized to give *cis*-N^2-{4-[2-(4-bromo-2-trifluoromethoxy-benzylamino)-ethyl]-cyclohexyl}-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid (32.2 mg, 41%) as a white solid.

ESI MS m/e 566/568 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 12.76 (brs, 1 H), 8.81 (b, 2 H), 8.43 (m, 1 H), 8.09 (d, J = 8.4 Hz, 1 H), 7.71-7.56 (m, 4 H), 7.35 (d, J = 8.0 Hz, 1 H), 7.29 (t, J = 8.0 Hz, 1 H), 4.15 (m, 3 H), 3.39 (m, 6 H), 2.97 (m, 2 H), 1.67-1.30 (m, 11 H).

Example 2337



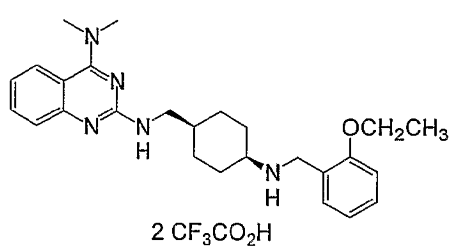
***cis*-2,6-Dichloro-*N*-{2-[4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexyl]-ethyl}-benzamide trifluoro-acetic acid**

Step A: Synthesis of *cis*-2,6-dichloro-*N*-{2-[4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexyl]-ethyl}-benzamide trifluoro-acetic acid.

To a solution of *cis*-N^2-[4-(2-amino-ethyl)-cyclohexyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine (31.4 mg, 0.1 mmol) and 2,6-dichlorobenzoyl chloride (20.7 mg, 0.1 mmol) in DMF (0.5 mL) was added triethylamine (20 uL, 0.14 mmol). After stirring the mixture at ambient temperature for 6 hr , DMSO (0.5 mL) was added and the mixture was purified by preparative HPLC. The pure fractions were combined and lyophilized to give *cis*-2,6-dichloro-*N*-{2-[4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexyl]-ethyl}-benzamide trifluoro-acetic acid (17.6 mg, 29%) as a white solid.

ESI MS m/e 486 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 11.93 (brs, 1 H), 8.26 (t, J = 5.2 Hz, 1 H), 8.14 (d, J = 8.0 Hz, 1 H), 7.95 (brs, 1 H), 7.76 (t, J = 8.4 Hz, 1 H), 7.52-7.31 (m, 5 H), 4.15 (m, 1 H), 3.45 (b, 6 H), 3.29 (m, 2 H), 1.76-1.31 (m, 11 H).

Example 2338



***cis*-N^2-[4-(2-Ethoxy-benzylamino)-cyclohexylmethyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid**

Step A: Synthesis of *cis*-(4-aminomethyl-cyclohexyl)-carbamic acid tert-butyl ester.

To a solution of *cis*-(4-carbamoyl-cyclohexyl)-carbamic acid *tert*-butyl ester obtained in step B of example 2332 (9.68 g, 40 mmol) in THF (100 mL) was added a solution of 1 M BH_3 in THF (80 mL, 80 mmol) over 30 min. The mixture was stirred at reflux for 2 hr. After cooling the reaction mixture to ambient temperature, 1 M aqueous sodium hydroxide was carefully added. The solvents were removed under reduced pressure and the aqueous layer was extracted with CH_2Cl_2 (twice). The organic layer was dried over sodium sulfate and concentrated under reduced pressure to give *cis*-(4-aminomethyl-cyclohexyl)-carbamic acid *tert*-butyl ester as colorless oil (5.16 g, 57%).
ESI MS m/e 229 M + H^+; ^1H NMR (400 MHz, DMSO-d_6) δ 6.67 (d, J = 6.8 Hz, 1 H), 3.43 (m, 1 H), 2.41 (d, J = 6.4 Hz, 2 H) 1.49-1.22 (m, 18 H).

Step B: Synthesis of *cis*-{4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-cyclohexyl}-carbamic acid *tert*-butyl ester.

A mixture of *cis*-(4-aminomethyl-cyclohexyl)-carbamic acid *tert*-butyl ester (1.14 g, 5 mmol), (2-chloro-quinazoline-4-yl)-dimethyl-amine obtained in step B of example 1 (1.035 g, 5 mmol), and triethylamine (1.5 mL, 11 mmol) in 2-propanol (2.5 mL) was heated at 170 °C for 35 min using a Smith Microwave Synthesizer. The mixture was concentrated and the residue was purified by column chromatography (silica gel, CH_2Cl_2 to 10% 2 M NH_3/MeOH in CH_2Cl_2) to give *cis*-{4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-cyclohexyl}-carbamic acid *tert*-butyl ester (1.28 g, 80%) as a white solid.
ESI MS m/e 400 M + H^+; ^1H NMR (400 MHz, DMSO-d_6) δ 8.04-7.06 (m, 4 H), 6.77 (d, J = 6.0 Hz, 1 H), 3.40-3.16 (m, 9 H), 1.70-1.37 (m, 18 H).

Step C: Synthesis of *cis*-N^2-(4-amino-cyclohexylmethyl)- N^4, N^4-dimethyl-quinazoline-2,4-diamine.

A solution of *cis*-{4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-cyclohexyl}-carbamic acid *tert*-butyl ester (1.2 g, 3 mmol) in 50% TFA in CH_2Cl_2 (20 mL) was stirred at ambient temperature. After 30 minutes, the mixture was concentrated and the residue was diluted with 1 M aqueous sodium hydroxide. The aqueous layer was extracted with CH_2Cl_2 (twice). The combined organic layer was dried over Na_2SO_4, filtered and concentrated to give *cis*-N^2-(4-amino-cyclohexylmethyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine (0.88 g, 98%) as a white solid.

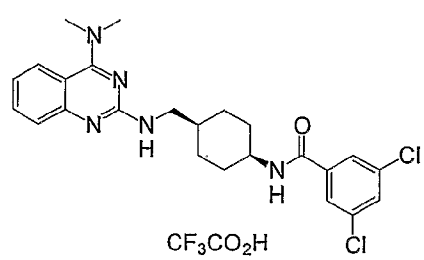
ESI MS m/e 300 M + H$^+$; ^{1}H NMR (400 MHz, DMSO-d_6) δ 7.85 (d, J = 7.6 Hz, 1 H), 7.47 (t , J = 6.8 Hz, 1 H), 7.27 (brs, 1 H), 7.0 (t, J = 7.2 Hz, 1 H), 6.66 (brs, 1 H), 3.33-3.14 (m, 9 H), 1.69-1.48 (m, 9 H).

Step D: Synthesis of *cis*-N^2-[4-(2-ethoxy-benzylamino)-cyclohexylmethyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid.

A solution of *cis*-N^2-(4-amino-cyclohexylmethyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine (30 mg, 0.1 mmol) and 2-ethoxy benzaldehyde (15 mg, 0.1 mmol) in MeOH (1 mL) was stirred at ambient temperature. After 3 hr, NaBH(OAc)$_3$ (85 mg, 0.4 mmol) was added and the mixture was stirred at ambient temperature for overnight. The resulting mixture was quenched with 50% DMSO in water (2 mL) and the solution was purified by preparative HPLC. The pure fractions were combined and lyophilized to give *cis*-N^2-[4-(2-ethoxy-benzylamino)-cyclohexylmethyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid (33 mg, 50%) as a white solid.

ESI MS m/e 434 M + H$^+$; ^{1}H NMR (400 MHz, DMSO-d_6) δ 13.03 (brs, 1 H), 8.79 (brs, 1 H), 8.49 (m, 2 H), 8.15 (d, J = 8.4 Hz, 1 H), 7.77 (t, J = 7.6 Hz, 1 H), 7.40-7.33 (m, 4 H), 7.07 (d, J = 7.6 Hz, 1 H), 6.99 (t, J = 7.2 Hz, 1 H), 4.11-4.06 (m, 4 H), 3.47-3.41 (m, 8 H), 3.15 (m, 1 H), 1.90-1.60 (m, 9 H), 1.37 (t, J = 7.2 Hz, 3 H).

Example 2339



***cis*-3,5-Dichloro-*N*-{4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-cyclohexyl}-benzamide trifluoro-acetic acid**

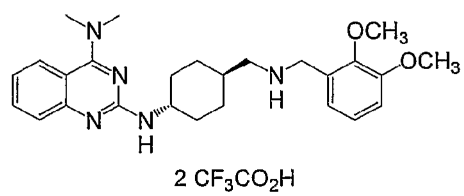
Step A: Synthesis of *cis*-3,5-dichloro-*N*-{4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-cyclohexyl}-benzamide trifluoro-acetic acid.

A solution of *cis*-N^2-(4-amino-cyclohexylmethyl)-N^4,N^4-dimethyl-quinazoline-2,4-

diamine (30 mg, 0.1 mmol) and 3,5-dichlorobenzoylchloride (20.9 mg, 0.1 mmol) and pyridine (12 μL, 0.25 mmol) in DMSO (1 mL) was stirred at ambient temperature for overnight. The mixture was purified by preparative HPLC. The pure fractions were combined and lyophilized to give *cis*-3,5-dichloro-*N*-{4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-cyclohexyl}-benzamide trifluoro-acetic acid.(18 mg , 31%) as a white solid.

ESI MS m/e 472 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 12.13 (brs, 1 H), 8.34 (d, *J* = 7.2 Hz, 1 H), 8.15 (d, *J* = 8.8 Hz, 1 H), 8.06 (brs, 1 H), 7.82-7.73 (m, 4 H), 7.45 (d, *J* = 7.6 Hz, 1 H), 7.36 (t, *J* = 7.6 Hz, 1 H), 3.9 (m, 1 H), 3.47-3.25 (m, 8 H), 1.83-1.56 (m, 9 H).

Example 2340



trans-N^2-{4-[(2,3-Dimethoxy-benzylamino)-methyl]-cyclohexyl}-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid

Step A: Synthesis of *trans*-4-(*tert*-butoxycarbonylamino-methyl)-cyclohexanecarboxylic acid.

To a solution of *trans*-4-amino-cyclohexanecarboxylic acid (37.7 g, 0.24 mol) in a mixture of dioxane (250 ml) and water (200 ml) cooled in an ice bath were added 1 M aqueous sodium hydroxide (10.07 g, 0.25 mol) and $(Boc)_2O$ (57.6 g, 0.26 mol). The reaction mixture was stirred at ambient temperature. After 3 hr, the mixture was concentrated and the residue was dissolved in water. The aqueous layer was washed with Et_2O (3 times). The aqueous layer was cooled in an ice bath and acidified with 1 M aqueous HCl (pH = 2) and the resulting white precipitate was dried to give *trans*-4-(*tert*-butoxycarbonylamino-methyl)-cyclohexanecarboxylic acid (47.4 g, 76.8%) as a white solid.

ESI MS m/e 258 M + H^+ ; ^{1}H NMR (400 MHz, $CDCl_3$) δ 11.95 (brs, 1 H), 6.79 (t, *J* = 6.0 Hz, 1 H), 2.76 (t, *J* = 6.0 Hz, 2 H), 2.11 (m, 1 H), 1.87 (m, 2 H), 1.69 (m, 2 H), 1.36 (s,

9 H), 1.27 (m, 3 H), 0.9 (m, 2 H).

Step B: Synthesis of *trans*-[4-(*tert*-butoxycarbonylamino-methyl)-cyclohexyl]-carbamic acid benzyl ester.

To a solution of *trans*-4-(*tert*-butoxycarbonylamino-methyl)-cyclohexanecarboxylic acid (46.9 g, 0.18 mol) in benzene (300 mL) were added triethylamine (24.2 g, 0.24 mol) and diphenylphosphoryl azide (55.9 g, 0.20 mol). The reaction mixture was stirred at 80 °C for 1 hr. To the mixture was added benzyl alcohol (25.9 g, 0.24 mol) and stirred at 100 °C for 4 hr. The mixture was subsequently cooled to ambient temperature for overnight, concentrated, and the resulting pale orange solid dissolved in EtOAc. The organic layer was washed with water (three times), concentrated, and the residue was purified by column chromatography (silica gel, 50% EtOAc in hexane) to give *trans*-[4-(*tert*-butoxycarbonylamino-methyl)-cyclohexyl]-carbamic acid benzyl ester (66.7g, 100%) as a white solid.

ESI MS m/e 363 M + H^+; ^{1}H NMR (400 MHz, $CDCl_3$) δ 7.24-7.23 (m, 5 H), 5.06 (s, 2 H), 4.57 (m, 2 H), 3.44 (brs, 1 H), 2.97 (t, J = 6.4 Hz, 2 H), 2.04 (m, 2 H), 1.79 (m, 2 H), 1.43 (s, 9 H), 1.08-0.76 (m, 5 H).

Step C: Synthesis of *trans*-(4-amino-cyclohexylmethyl)-carbamic acid *tert*-butyl ester.

To a solution of *trans*-[4-(*tert*-butoxycarbonylamino-methyl)-cyclohexyl]-carbamic acid benzyl ester (5.32 g, 0.015 mol) in EtOH (200 mL) was added 10% Pd/C (50 mg). The mixture was stirred at ambient temperature under hydrogen atmosphere for 4 hr. The resulting mixture was filtered through a pad of celite and concentrated. The residue was purified by column chromatography (silica gel, 3% 2 M NH_3/MeOH in CH_2Cl_2) to give *trans*-(4-amino-cyclohexylmethyl)-carbamic acid *tert*-butyl ester as a colorless solid (3.197 g, 95.4%).

ESI MS m/e 229 M + H^+; ^{1}H NMR (400 MHz, $CDCl_3$) δ 8.44 (brs, 1 H), 4.59 (b, 1 H), 2.96 (m, 2 H), 2.08 (m, 2 H), 1.83 (m, 2 H), 1.43 (s, 9 H), 1.08 (m, 5 H).

Step D: Synthesis of *trans*-N^2-(4-aminomethyl-cyclohexyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid

A mixture of *trans*-(4-amino-cyclohexylmethyl)-carbamic acid *tert*-butyl ester

(0.24 g, 1 mmol) and (2-chloro-quinazolin-4-yl)-dimethyl-amine obtained in step B of example 1 (0.32 g, 1.4 mmol) in 2-propanol (5 mL) was heated to 170 °C for 30 min using a Smith Microwave Synthesizer. This procedure was repeated 19 times. The reaction mixtures were combined and purified by column chromatography (silica gel) to give 1.13 g of a yellow solid. The yellow solid was dissolved in 50% TFA in CH_2Cl_2 (20 mL) and the mixture was stirred at ambient temperature. After 10 hours, the mixture was concentrated and the residue was purified by preparative HPLC. The pure fractions were combined and lyophilized to give *trans*-N^2-(4-aminomethyl-cyclohexyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid (0.49 g, 5%) as a white solid.

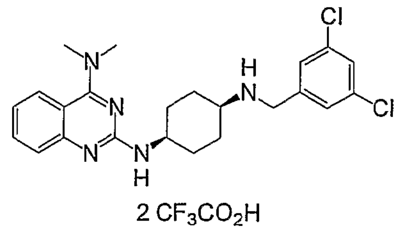
ESI MS m/e 300 M + H^+; ^{1}H NMR (400 MHz, $CDCl_3$) δ 9.16 (d, J = 5.6 Hz, 1 H), 8.11 (m, 2 H), 7.86 (d, J = 8.0 Hz, 1 H), 7.51 (t, J = 7.6 Hz, 1 H), 7.41 (d, J = 8.0 Hz, 1 H), 7.18 (t, J = 6.8 Hz, 1 H), 3.8 (brs, 1 H), 3.47 (s, 6 H), 2.10 (m, 2 H), 1.92 (m, 2 H), 1.42-1.12 (m, 5 H).

Step E: Synthesis of *trans*-N^2-{4-[(2,3-dimethoxy-benzylamino)-methyl]-cyclohexyl}-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid.

A mixture of 2,3-dimethoxy benzaldehyde (15 mg, 0.09 mmol), *trans*-N^2-(4-aminomethyl-cyclohexyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid (28 mg, 0.053 mmol), $NaBH(OAc)_3$ (76 mg, 0.36 mmol), and MeOH (2 mL) was heated at 100 °C for 40 seconds using a Smith Microwave Synthesizer. The resulting mixture was purified by preparative HPLC. The pure fractions were combined and lyophilized to give *trans*-N^2-{4-[(2,3-dimethoxy-benzylamino)-methyl]-cyclohexyl}-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid (10.2 mg, 28 %).

ESI MS m/e 450 M + H^+; ^{1}H NMR (400 MHz, $CDCl_3$) δ 9.68 (d, J = 6.0 Hz, 1 H), 9.41 (brs, 1 H), 7.85 (d, J = 7.6 Hz, 1 H), 7.52 (t, J = 7.2 Hz, 1 H), 7.46 (d, J = 8.0 Hz, 1 H), 7.19 (t, J = 7.2 Hz, 1 H), 7.09 (t, J = 8.0 Hz, 1 H), 6.98 (d, J = 7.2 Hz, 1 H), 6.90 (d, J = 7.6 Hz, 1 H), 4.16 (s, 2 H), 3.96 (s, 3 H), 3.87 (s, 3 H), 3.75 (m, 1 H), 3.47 (m, 6 H), 2.80 (m, 2 H), 2.11 (m, 2 H), 1.86 (m, 2 H), 1.48-1.50 (m, 5 H).

Example 2341



***cis*-N^2-[4-(3,5-Dichloro-benzylamino)-cyclohexyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid**

Step A: Synthesis of *cis*-(4-*tert*-butoxycarbonylamino-cyclohexyl)-carbamic acid benzyl ester.

To a suspension of *cis*-4-*tert*-butoxycarbonylamino-cyclohexanecarboxylic acid (50.0 g, 206 mmol) in benzene were added triethylamine (26.9 g, 266 mmol) and phosphorazidic acid diphenyl ester (62.2 g, 226 mmol). The reaction mixture was stirred at 80°C for 1 hr. Benzyl alcohol (31.4 g, 290 mmol) was added and the mixture was stirred at reflux for 24 hr. The reaction mixture was concentrated and the residue was dissolved in EtOAc and H_2O. The organic layer was separated and the aqueous layer was extracted with EtOAc (twice). The combined organic layer was dried over $MgSO_4$, filtered, concentrated, and purified by flash chromatography (silica gel, 30% EtOAc in hexane) to give *cis*-(4-*tert*-butoxycarbonylamino-cyclohexyl)-carbamic acid benzyl ester (54.1 g, 76%) as a colorless oil.

ESI MS m/e 349 M + H^+; ^1H NMR (400 MHz, DMSO-d_6) δ 7.34-7.28 (m, 5 H), 7.12 (d, J = 5.6 Hz, 1 H), 6.62 (brs, 1 H), 4.98 (s, 2 H), 3.39-3.37 (m, 2 H), 1.60-1.45 (m, 8 H), 1.37 (s, 9 H).

Step B: Synthesis of *cis*-(4-amino-cyclohexyl)-carbamic acid *tert*-butyl ester.

Using the procedure for the step C of example 2340, the title compound was obtained.

ESI MS m/e 215 M + H^+ ; ^1H NMR (400 MHz, DMSO-d_6) δ 6.60 (d, J = 6.0 Hz, 1 H), 3.30-3.28 (m, 1 H), 2.74 (s, 1 H), 1.59-1.51 (m, 2 H), 1.45-1.37 (m, 15 H).

Step C: Synthesis of *cis*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-

carbamic acid *tert*-butyl ester.

A solution of *cis*-(4-amino-cyclohexyl)-carbamic acid *tert*-butyl ester (0.5 g, 2.3 mmol), (2-chloro-quinazolin-4-yl)-dimethly-amine obtained in step B in example 1 (0.53, 2.6 mmol), diisopropylethylamine (1.22 mL, 7.0 mmol) and 2-propanol (1.0 mL) was heated using a Smith Microwave Synthesizer at 170 °C for 1 hour. This reaction procedure was repeated 39 more times and the resulting reaction mixtures were combined. The mixture was concentrated and the residue was purified by column chromatography (silica gel, 2% to 4% 2 M NH_3/MeOH in CH_2Cl_2) to give *cis*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-carbamic acid *tert*-butyl ester (22.1 g, 0.057 mol, 61%) as a colorless oil.

ESI MS m/e 386 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 7.85 (d, J = 8.0 Hz, 1 H), 7.47 (t, J = 8.4 Hz, 1 H), 7.27 (d, J = 8.0 Hz, 1 H), 7.00 (t, J = 7.6 Hz, 1 H), 6.60 (brs, 1 H), 6.18 (brs, 1 H), 3.89-3.88 (m, 1 H), 3.39 (brs, 1 H), 3.19 (s, 6 H), 1.77-1.71 (m, 2 H), 1.68-1.52 (m, 6 H), 1.38 (s, 9 H).

Step D: Synthesis of *cis*-*N*²-(4-amino-cyclohexyl)-*N*⁴,*N*⁴-dimethyl-quinazolin-2,4-diamine.

Using the procedure for the step C of example 2338, the title compound was obtained.

ESI MS m/e 286 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 7.84 (d, J = 8.4 Hz, 1 H), 7.45 (t, J = 6.8 Hz, 1 H), 7.26 (d, J = 8.4 Hz, 1 H), 6.99 (t, J = 7.6 Hz, 1 H), 6.20 (brs, 1 H), 3.90-3.89 (m, 1 H), 3.18 (s, 6 H), 2.79 (s, 1 H), 1.74-1.71 (m, 2 H), 1.57-1.41 (m, 8 H).

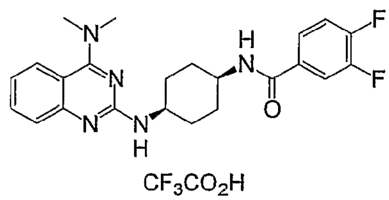
Step E: Synthesis of *cis*-N^2-[4-(3,5-dichloro-benzylamino)-cyclohexyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid.

To a solution of *cis*-N^2-(4-amino-cyclohexyl)-N^4,N^4-dimethyl-quinazolin-2,4-diamine (31.4 mg, 0.11 mmol) in MeOH (0.5 mL) was added 3,5-dichlorobenzaldehyde (17.5 mg, 0.10 mmol). The mixture was stirred at ambient temperature for 0.5 hr and sodium triacetoxyborohydride (85 mg, 0.40mmol) was added. The mixture was stirred for overnight and the reaction was quenched with 50% DMSO in water (1.0 mL). The mixture was purified by preparative HPLC. The pure fractions were combined and lyophilized to give *cis*-N^2-[4-(3,5-dichloro-benzylamino)-cyclohexyl]-N^4,N^4-dimethyl-quinazoline-2,4-diamine ditrifluoro-acetic acid (23 mg, 0.041 mmol, 37%) as a white

solid.

ESI MS m/e 444 M + H^+; ^1H NMR (400 MHz, DMSO-d_6) δ 13.55 (s, 1 H), 8.90 (brs, 3 H), 8.17 (d, J = 8.0 Hz, 1 H), 7.79 (t, 7.6 Hz, 1 H), 7.68 (s, 1 H), 7.61 (s, 2 H), 7.41 (d, J = 7.6 Hz, 1 H), 7.36 (t, J = 7.6 Hz, 1 H), 4.23 (s, 2 H), 4.07 (s, 1 H), 3.48 (s, 6 H), 2.00-1.92 (m, 4 H), 1.82-1.74 (m, 4 H).

Example 2342



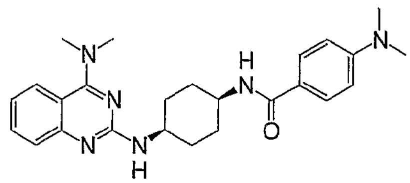
***cis*-*N*-[4-(4-Dimethylamino-quinazolin-2-ylamino)-cyclohexyl]-3,4-difluoro-benzamide trifluoro-acetic acid.**

Step A: Synthesis of *cis*-*N*-[4-(4-dimethylamino-quinazolin-2-ylamino)-cyclohexyl]-3,4-difluoro-benzamide trifluoro-acetic acid.

Using the procedure for the step A of example 2333, the title compound was obtained.

ESI MS m/e 426 M + H^+; ^1H NMR (400 MHz, DMSO-d_6) δ 12.46 (brs, 1 H), 8.36 (s, 1 H), 8.15 (d, J = 8.0 Hz, 1 H), 7.97 (brs, 1 H), 7.94-7.89 (m, 1 H), 7.77-7.73 (m, 2 H), 7.56-7.49 (m, 1 H), 7.41 (brs, 1 H), 7.36 (t, J = 7.6 Hz, 1 H), 4.07 (m, 1 H), 3.87 (m, 1 H), 3.47 (brs, 6 H), 1.89 (m, 2 H), 1.74 (m, 6 H).

Example 2343



2 CF_3CO_2H

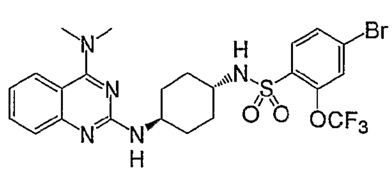
***cis*-4-Dimethlyamino-*N*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-benzamide ditrifluoro-acetic acid**

Step A: Synthesis of *cis*-4-dimethlyamino-*N*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-benzamide ditrifluoro-acetic acid.

To a solution of 4-dimethylaminobenzoic acid (16.5 mg, 0.10 mmol) in DMF (0.5 mL) were added HATU (45.6 mg, 0.12 mmol), diisopropylethylamine (34.8 uL, 0.20 mmol), and *cis*-N^2-(4-amino-cyclohexyl)-N^4,N^4-dimethyl-quinazolin-2,4-diamine obtained in step D of example 2341 (28.5 mg, 0.10 mmol) and stirred at ambient temperature for overnight. The resulting mixture was diluted with DMSO (0.5 mL) and purified by preparative HPLC. The pure fractions combined and lyophilized to give *cis*-4-dimethlyamino-*N*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-benzamide ditrifluoro-acetic acid (34.1 mg, 0.052mmol, 52%) as a white solid.

ESI MS m/e 433 M + H^+ ; ^1H NMR (400 MHz, DMSO-d_6) δ 12.73 (s, 1 H), 8.34 (s, 1 H), 8.16 (d, J = 8.0 Hz, 1 H), 7.78-7.70 (m, 4 H), 7.43 (d, J = 7.6 Hz, 1 H), 7.35 (t, J = 8.0 Hz, 1 H), 6.67 (d, J = 8.8 Hz, 2 H), 4.05 (m, 1 H), 3.86 (m, 1 H), 3.47 (s, 6 H), 2.95 (s, 3 H), 2.53 (s, 3 H), 1.91 (m, 2 H), 1.75-1.72 (m, 6 H).

Example 2344



***trans*-4-Bromo-*N*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-2-trifluoromethoxy-benzenesulfonamide**

Step A: Synthesis of *trans*-(4-amino-cyclohexyl)-carbamic acid *tert*-butyl ester.

To a solution of *trans*-1,4-diamino-cyclohexane (10 g, 0.088 mol) in 1,4-dioxane (400 mL) was added a solution of $(Boc)_2O$ (4.78 g, 0.022 mol) in 1,4-dioxane (100 ml) over 30 min. The mixture was stirred at ambient temperature for overnight and then the dioxane was removed in vacuo. The resulting precipitate was dissolved in H_2O (500 mL) and left to sit for 1 hour. During this time, the di-Boc-protected diamino-cyclohexane fell out as a white crystalline precipitate. This was subsequently filtered from the aqueous solvent. The aqueous layer was extracted with EtOAc (three times). The organic layers were combined and washed with H_2O. The organic layer was dried over $MgSO_4$ and concentrated to give *trans*-(4-amino-cyclohexyl)-carbamic acid *tert*-butyl ester (4 g, 0.019 mol, 85%).

ESI MS m/e 215 M + H^+ ; ^1H NMR (400 MHz, DMSO-d_6) δ 6.63 (d, J = 8.0 Hz, 1 H), 3.11-3.09 (m, 1 H), 2.44-2.37 (m, 1 H), 1.70-1.67 (m, 4 H), 1.41-1.31 (m, 11 H), 1.20-0.95 (m, 4 H).

Step B: Synthesis of *trans*-[4-(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-cyclohexyl]-carbamic acid *tert*-butyl ester.

To a solution of *trans*-(4-amino-cyclohexyl)-carbamic acid *tert*-butyl ester (1 g, 0.0047 mol) in CH_2Cl_2 were added diisopropylethylamine (1.63 mL, 0.0093 mol) and 4-bromo-2-trifluoromethoxy-benzenesulfonyl chloride (1.03 mL, 0.0051 mol). The reaction mixture was stirred at ambient temperature for 1 hr and then washed with water. The aqueous layer was extracted with CH_2Cl_2 (twice), the organic layers were combined, dried over $MgSO_4$, and concentrated. The resulting precipitate was recrystallized with CH_2Cl_2 and hexanes to give *trans*-[4-(4-bromo-2-trifluoromethoxy-benzenesulfonylamino)-cyclohexyl]-carbamic acid *tert*-butyl ester (2.39 g, 0.0046 mol, 99%).

ESI MS m/e 517 M + H^+; ^1H NMR (400 MHz, DMSO-d_6) δ 7.99 (d, J = 7.6 Hz, 1 H), 7.85 (d, J = 8.0 Hz, 1 H), 7.79-7.77 (m, 1 H), 6.67 (d, J = 8.0 Hz, 1 H), 3.14-2.94 (m, 2 H), 1.70-1.60 (m, 4 H), 1.34 (s, 9 H), 1.30-1.18 (m, 2 H), 1.14-1.03 (m, 2 H).

Step C: Synthesis of *trans*-*N*-(4-amino-cyclohexyl)-4-bromo-2-trifluoromethoxy-benzenesulfonamide.

Using the procedure for the step C of example 2338, the title compound was obtained.

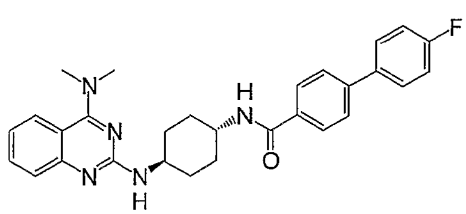
ESI MS m/e 417/419 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 7.85 (d, J = 8.4 Hz, 1 H), 7.79-7.76 (m, 3 H), 3.32 (brs, 2 H), 3.03-2.95 (m, 1 H), 2.41-2.36 (m, 1 H), 1.67-1.57 (m, 4 H), 1.28-1.18 (m, 2 H), 0.99-0.89 (m, 2 H).

Step D: Synthesis of *trans*-4-bromo-*N*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-2-trifluoromethoxy-benzenesulfonamide.

To a solution of *trans*-*N*-(4-amino-cyclohexyl)-4-bromo-2-trifluoromethoxy-benzenesulfonamide (100 mg, 0.24 mmol) in 2-propanol (0.5 mL) was added (2-chloro-quinazolin-4-yl)-dimethly-amine obtained in step B of example 1 (54.7 mg, 0.26mmol). The mixture was heated using a Smith Microwave Synthesizer at 170 °C for 15 min. The mixture was concentrated and the residue was purified by chromatography (2% to 4% 2 M NH_3/MeOH in CH_2Cl_2) to give *trans*-4-bromo-*N*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-2-trifluoromethoxy-benzenesulfonamide (42 mg, 0.71 mmol, 30%) as a white solid.

ESI MS m/e 588/590 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 8.02 (d, J = 7.6 Hz, 1 H), 7.88 (d, J = 8.4 Hz, 1 H), 7.82-7.77 (m, 3 H), 7.45-7.41 (m, 1 H), 7.25-7.41 (m, 1 H), 6.99 (t, J = 7.2 Hz, 1 H), 6.37 (brs, 1 H), 3.68-3.67 (m, 1 H), 3.16 (s, 6 H), 3.09-3.02 (m, 1 H), 1.89-1.86 (m, 2 H), 1.69-1.67 (m, 2 H), 1.40-1.17 (m, 4 H).

Example 2345



***trans*-4'-Fluoro-biphenyl-4-carboxylic acid [4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-amide.**

Step A: Synthesis of 4'-fluoro-biphenyl-4-carboxylic acid.

To a solution of 4-bromobenzoic acid (5 g, 0.025 mol) in THF (150 mL) under an

atmosphere of argon were added tetrakis(triphenylphosphine) palladium(0) (862 mg, 0.75 mmol), 2 M aqueous Na_2CO_3 (30 mL), and a solution 4-fluorophenyboronic acid (3.48 g, 0.025 mol) in a minimal amount of ethanol (~10 mL). The resulting reaction mixture was stirred at reflux under an argon atmosphere for overnight. The reaction mixture was cooled to ambient temperature and acidified with addition of 1 M HCl aqueous. The aqueous layer was extracted with Et_2O (three times). The organic layers were combined, dried over $MgSO_4$, filtered and concentrated. The resulting precipitate was crystallized in Et_2O and hexane to give 4'-fluoro-biphenyl-4-carboxylic acid (4.4 g, 0.020 mol, 82%) as a white solid.

^{1}H NMR (400 MHz, DMSO-d_6) δ 12.96 (s, 1 H), 8.00-7.98 (m, 2 H), 7.78-7.75 (m, 4 H), 7.34-7.31 (m, 2 H).

Step B: Synthesis of *trans*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-carbamic acid *tert*-butyl ester.

Using the procedure for the step D of example 2344, the title compound was obtained.

ESI MS m/e 386 M + H$^+$; ^{1}H NMR (400 MHz, DMSO-d_6) δ 7.83 (d, J = 8.0 Hz, 1 H), 7.46 (t, J = 6.8 Hz, 1 H), 7.27-7.25 (m, 1 H), 6.99 (t, J = 7.2 Hz, 1 H), 6.71 (d, J = 8.4 Hz, 1 H), 6.38 (brs, 1 H), 3.72 (m, 1 H), 3.17 (s, 6 H), 1.92-1.90 (m, 2 H), 1.79-1.76 (m, 2 H), 1.37 (s, 9 H), 1.34-1.23 (m, 4 H).

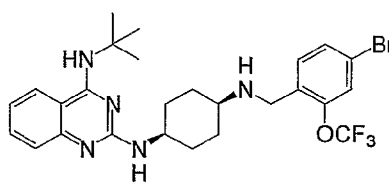
Step C: Synthesis of *trans*-4'-fluoro-biphenyl-4-carboxylic acid [4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-amide.

To a solution of *trans*-[4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-carbamic acid *tert*-butyl ester (0.76 g, 0.20 mmol) in CH_2Cl_2 (20 mL) was added TFA (304 μL, 0.39 mmol). The solution was stirred at ambient temperature for 4 hr. The resulting mixture was concentrated and the residue was dissolved in CH_2Cl_2. The organic layer was washed with a dilute aqueous NaOH and aqueous $NaHCO_3$ solution. The aqueous layer was extracted with CH_2Cl_2 (twice) and the organic layers combined, dried over $MgSO_4$, and concentrated. To a solution of the residue (0.1 g) and 4'-fluoro-biphenyl-4-carboxylic acid (76 mg, 0.35 mmol) in CH_2Cl_2 were added HOAt (62 mg, 0.46 mmol), WSC•HCl (87 mg, 0.46 mmol), and diisopropylethylamine (31 uL, 0.18 mmol). The mixture was stirred for 1 hr at ambient temperature and the reaction was quenched with

water. The aqueous layer was extracted with CH_2Cl_2 (twice). The organic layers were combined, dried over $MgSO_4$, concentrated and the residue purified by column chromatography (silica gel, 2% to 4% 2 M NH_3/MeOH in CH_2Cl_2) to give *trans*-4'-fluoro-biphenyl-4-carboxylic acid [4-(4-dimethlyamino-quinazolin-2-ylamino)-cyclohexyl]-amide (35 mg, 0.072, 21%) as a white solid.

ESI MS m/e 484 M + H^+ ; ^{1}H NMR (400 MHz, DMSO-d_6) δ 8.30 (brs, 1 H), 8.12 (brs, 2 H), 7.92 (d, J = 8.4 Hz, 2 H), 7.77-7.72 (m, 5 H), 7.44 (brs, 1 H), 7.34-7.28 (m, 3 H), 3.82 (brs, 2 H), 3.47 (brs, 6 H), 2.04 (m, 2 H), 1.94 (m, 2 H), 1.54-1.48 (m, 4 H).

Example 2346



2 CF_3CO_2H

***cis*-N^2-[4-(4-Bromo-2-trifluoromethoxy-benzylamino)-cyclohexyl]-N^4-*tert*-butyl-quinazoline-2,4-diamine ditrifluoro-acetic acid**

Step A: Synthesis of *tert*-butyl-(2-chloro-quinazolin-4-yl)-amine.

To a solution of 2,4-dichloro-quinazoline obtained in step B of example 1 (4 g, 20 mmol) in THF (50 mL) were added *tert*-butyl amine (2.15 mL, 20.5 mmol) and diisopropylethylamine (3.5 mL, 21 mmol). The mixture was stirred at ambient temperature for 2 hr. The mixture was concentrated and the residue was dissolved in EtOAc. The organic layer was washed with water, dried over Na_2SO_4, and filtered. The mixture was concentrated to give *tert*-butyl-(2-chloro-quinazolin-4-yl)-amine as a white solid (3 g, 64%).

ESI MS m/e 236 M + H^+ ; ^{1}H NMR (400 MHz , DMSO-d_6) δ 8.40 (d, J = 8.4 Hz, 1 H), 7.75-7.36 (m, 2 H), 7.58 (d, J = 8.4 Hz, 1 H), 7.48 (t, J = 7.2 Hz, 1 H), 1.52 (s, 9 H).

Step B: Synthesis of *cis*-N^2-(4-amino-cyclohexyl)-N^4-*tert*-butyl-quinazoline-2,4-diamine.

To a suspension of *cis*-(4-amino-cyclohexyl)-carbamic acid *tert*-butyl ester (122

mg, 0.57 mmol) in 2-propanol (2 mL) were added *tert*-butyl-(2-chloro-quinazolin-4-yl)-amine (100 mg, 0.42 mmol) and diisopropylethylamine (180 μL, 1 mmol) and the mixture was heated at 170 °C for 1 hr using a Smith Microwave Synthesizer. The resulting solution was concentrated and purified by column chromatography (silica gel, 3% MeOH in CH_2Cl_2) to give [4-(4-*tert*-butylamino-quinazolin-2-ylamino)-cyclohexyl]-carbamic acid *tert*-butyl ester (112 mg, 65%) as a yellow solid. To a suspension of *cis*-[4-(4-*tert*-butylamino-quinazolin-2-ylamino)-cyclohexyl]-carbamic acid *tert*-butyl ester (95 mg, 0.23 mmol) in CH_2Cl_2 (3 mL) was added trifluoroacetic acid (2 mL) dropwise. The reaction mixture was stirred at ambient temperature for 2 hr. The solution was concentrated, alkalized with saturated aqueous $NaHCO_3$ and 1 M aqueous sodium hydroxide (pH = 9), and the aqueous layer was extracted with CH_2Cl_2 (three times). The combined organic layer was dried over $MgSO_4$, filtered, and concentrated. The solid was collected by filtration to give *cis*-N^2-(4-amino-cyclohexyl)-N^4-*tert*-butyl-quinazoline-2,4-diamine (44.6 mg, 53%) as a yellow solid.

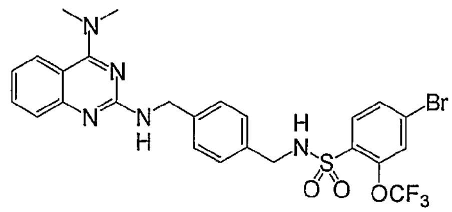
ESI MS m/e 314 M + H$^+$; ^{1}H NMR (400 MHz, $CDCl_3$) δ 7.48 (t, J = 6.8 Hz, 1 H), 7.38 (m, 2 H), 7.04 (t, J = 8.0 Hz, 1 H), 5.42 (brs, 1 H), 4.15 (m, 1 H), 2.85 (m, 1 H), 1.2-1.9 (m, 17 H).

Step C: Synthesis of *cis*-N^2-[4-(4-bromo-2-trifluoromethoxy-benzylamino)-cyclohexyl]-N^4-*tert*-butyl-quinazoline-2,4-diamine ditrifluoro-acetic acid.

Using the procedure for the step C of example 2341, the title compound was obtained.

ESI MS m/e 566 M + H$^+$; ^{1}H NMR (400 MHz, $CDCl_3$) δ 9.36 (d, J = 8.0 Hz, 1 H), 7.67-7.64 (m, 2 H), 7.53-7.48 (m, 3 H), 7.43 (s, 1 H), 7.33 (m, 1 H), 6.17 (s, 1 H), 4.45 (m, 1 H), 4.28 (s, 2 H), 3.35 (m, 1 H), 2.14 –1.6 (m, 17 H).

Example 2347



4-Bromo-*N*-{4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-benzyl}-2-trifluoromethoxy-benzenesulfonamide

Step A: Synthesis of {4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-benzyl}-carbamic acid tert-butyl ester.

Using the procedure for the step D of example 2330, the title compound was obtained.

ESI MS m/e 377 M + H^+;^1H NMR (400 MHz, DMSO-d_6) δ 8.38 (brs, 1 H), 8.08 (brs, 1 H), 7.70 (brs, 1 H), 7.47 (brs, 1 H), 7.36 (t, J = 6.2 Hz, 1 H), 7.30 (d, J = 8.0 Hz, 3 H), 7.16 (d, J = 7.6 Hz, 2 H), 4.60 (d, J = 6.4 Hz, 2 H), 4.07 (d, J = 6.0 Hz, 2 H), 3.39 (s, 6 H), 1.37 (s, 9 H).

Step B: Synthesis of N^2-(4-aminomethyl-benzyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine hydrochloride.

To a cooled solution of {4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-benzyl}-carbamic acid tert-butyl ester (3.90 g, 9.57 mmol) in MeOH was added 1 M HCl in Et_2O (67.0 ml, 67.0 mmol) and the solution was stirred for overnight. The resulting mixture was concentrated to give N^2-(4-aminomethyl-benzyl)-N^4, N^4-dimethyl-quinazoline-2,4-diamine hydrochloride as a white crystalline solid (3.48 g, 95.6%).

ESI MS m/e 308.2 M + H^+ ; ^1H NMR (400 MHz, CD_3OD) δ 8.16 (d, J = 7.2 Hz, 1 H), 7.75 (brs, 1 H), 7.48 (m, 5 H), 7.39 (brs, 1 H), 4.76 (s, 2 H), 4.12 (s, 2 H), 3.51 (m, 6 H).

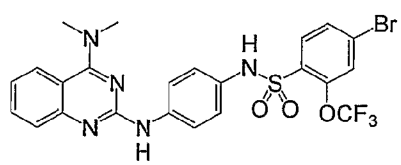
Step C: Synthesis of 4-bromo-*N*-{4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-benzyl}-2-trifluoromethoxy-benzenesulfonamide.

A solution of N^2-(4-aminomethyl-benzyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine hydrochloride (50.0 mg, 0.131 mmol), 4-bromo-2-trifluoromethoxy-benzenesulfonyl chloride (53.3 mg, 0.157 mmol) and diisopropylethylamine (91 µl, 0.524 mmol) in 2-

propanol (1.5 mL) was stirred at ambient temperature for 2 hr. The resulting mixture was concentrated, and the residue was purified by column chromatography (silica gel, 10% MeOH in CH_2Cl_2) to give 4-bromo-*N*-{4-[(4-dimethylamino-quinazolin-2-ylamino)-methyl]-benzyl}-2-trifluoromethoxy-benzenesulfonamide as a white crystalline compound (40 mg, 50%).

ESI MS m/e 612 M + H^+ ; ^{1}H NMR (400 MHz, DMSO-d_6) δ 8.51 (t, *J* = 6.4 Hz, 1 H), 8.06 (brs, 1 H), 7.76-7.67 (m, 4 H), 7.54-7.41 (m, 2 H), 7.24 (d, *J* = 7.6 Hz, 3 H), 7.14 (d, *J* = 8.0 Hz, 2 H), 4.56 (d, *J* = 6.0 Hz, 2 H), 4.08 (d, *J*= 6.0 Hz, 2 H), 3.36 (s, 6 H).

Example 2348



4-bromo-*N*-[4-(4-dimethylamino-quinazolin-2-ylamino)-phenyl]-2-trifluoromethoxy-benzenesulfonamide

Step A: Synthesis of (4-amino-phenyl)-carbamic acid *tert*-butyl ester.

Using the procedure for the step A of example 2344, the title compound was obtained.

ESI MS m/e 209 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 8.75 (s, 1 H), 7.03 (d, *J* = 7.6 Hz, 2 H), 6.43 (dt, *J* = 9.5, 2.7 Hz, 2 H), 4.71 (s, 2 H), 1.43 (s, 9 H).

Step B: Synthesis of N^2-(4-amino-phenyl)-N^4,N^4-dimethyl-quinazoline-2,4-diamine hydrochloride.

A mixture of (2-chloro-quinazolin-4-yl)-dimethyl-amine obtained in step B of example 1 (0.5 g, 2.6 mmol) and (4-amino-phenyl)-carbamic acid *tert*-butyl ester (0.5 g, 2.6 mmol) in CH_2Cl_2 (2 mL) was heated by Smith Synthesizer at 130 °C for 20 min. The mixture was concentrated to give [4-(4-dimethylamino-quinazolin-2-ylamino)-phenyl]-carbamic acid *tert*-butyl ester as a pale yellow solid (0.86 g, 87%). The reaction was repeated six times, and the total product combined was 8.5 g. To a solution of above product (8.5 g, 22.4 mmol) in MeOH (250 mL) was added 4 M HCl in dioxane (8.4 ml,

33.6 mmol) dropwise, and the mixture was stirred at ambient temperature for overnight. The mixture was concentrated to give *N*²-(4-amino-phenyl)-*N*⁴,*N*⁴-dimethyl-quinazoline-2,4-diamine hydrochloride as a pale pink solid (6.2 g, 87.5%).

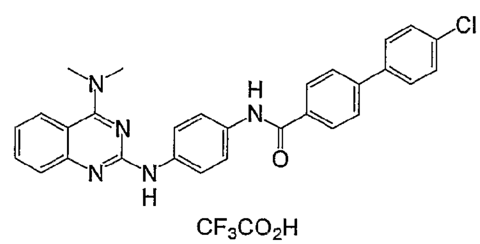
ESI MS m/e 280 M + H^+; ^{1}H NMR (400 MHz, D_2O) δ 7.84 (d, J = 8.8 Hz, 1 H), 7.54 (td, J = 7.8, 1.2 Hz, 1 H), 7.46 (dt, J = 9.5, 2.7 Hz, 2 H), 7.27-7.16 (m, 4 H), 3.35 (b, 3 H), 3.12 (b, 3 H).

Step C: Synthesis of 4-bromo-*N*-[4-(4-dimethylamino-quinazolin-2-ylamino)-phenyl]-2-trifluoromethoxy-benzenesulfonamide.

Using the procedure for the step C of example 2347, the title compound was obtained.

ESI MS m/e 584 M + H^+; ^{1}H NMR (400 MHz, DMSO-d_6) δ 10.27 (brs, 1 H), 9.14 (brs, 1 H), 7.98 (d, J = 8.4 Hz, 1 H), 7.80-7.71 (m, 5 H), 7.60-7.56 (m, 1 H), 7.44 (d, J = 8.4 Hz, 1 H), 7.15 (t, J = 7.4 Hz, 1 H), 6.95 (d, J = 16.8 Hz, 2 H), 9.29 (s, 6 H).

Example 2349



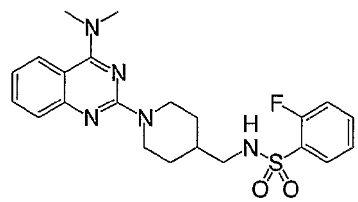
4'-Chloro-biphenyl-4-carboxylic acid [4-(4-dimethylamino-quinazolin-2-ylamino)-phenyl]-amide trifluoro-acetic acid

Synthesis of 4'-chloro-biphenyl-4-carboxylic acid [4-(4-dimethylamino-quinazolin-2-ylamino)-phenyl]-amide trifluoro-acetic acid.

A solution of *N*²-(4-amino-phenyl)-*N*⁴,*N*⁴-dimethyl-quinazoline-2,4-diamine hydrochloride obtained in step B of example 2348 (81.6 mg, 0.258 mmol), 4'-chloro-biphenyl-4-carboxylic acid (50.0 mg, 0.215 mmol), HATU (106 mg, 0.280 mmol), and diisopropylethylamine (150 μL, 0.860 mmol), in CH_2Cl_2 (2 mL) was stirred at ambient temperature for overnight, and the mixture was concentrated. The residue was purifided by HPLC to give 4'-chloro-biphenyl-4-carboxylic acid [4-(4-dimethylamino-quinazolin-2-ylamino)-phenyl]-amide trifluoro-acetic acid as a white solid (10 mg, 9 %).

ESI MS m/e 494 M + H$^+$; ^{1}H NMR (400 MHz, DMSO-d_6) δ 10.33 (s, 1 H), 8.17 (d, J = 8.0 Hz, 1 H), 8.80 (d, J = 8.8 Hz, 2 H), 7.85-7.75 (m, 7 H), 7.63-7.53 (m, 6 H), 7.36 (t, J = 7.6 Hz, 1 H), 3.46 (s, 6 H).

Example 2350



***N*-[1-(4-Dimethylamino-quinazolin-2-yl)-piperidin-4-ylmethyl]-2-fluoro-benzenesulfonamide**

Step A: Synthesis of *N*-[1-(4-dimethylamino-quinazolin-2-yl)-piperidin-4-ylmethyl]-2-fluoro-benzenesulfonamide.

To a solution of 4-aminomethyl-piperidine-1-carboxylic acid *tert*-butyl ester (60 mg, 0.28 mmol) and diisopropylethylamine (49 mL, 0.28 mmol) in CH_2Cl_2 (2 mL) was added 2-fluorobenzenesulfonyl chloride (54 mg, 0.28 mmol) and the mixture was stirred at ambient temperature for 18 hr. To the resulting mixture was added trifluoroacetic acid (0.70 mL) and stirred at ambient temperature for 18 hr. The reaction mixture was concentrated and neutralized with saturated aqueous $NaHCO_3$. The aqueous layer was extracted with EtOAc, and the organic layer was concentrated to give 2-fluoro-*N*-piperidin-4-ylmethyl-benzenesulfonamide as a pale yellow solid. To a solution of above solid (0.076 g, 0.28 mmol) and diisopropylethylamine (0.072 mL, 0.42 mmol) in 2-propanol (3 mL) was added (2-chloro-quinazolin-4-yl)-dimethyl-amine obtained in step B of example 1 (0.044 g, 0.21 mmol) and the resulting mixture was stirred at 100 ^{0}C for 18 hr. The mixture was concentrated, and the residue was purified by column chromatography (silica gel, 5% MeOH in CH_2Cl_2) to give *N*-[1-(4-dimethylamino-quinazolin-2-yl)-piperidin-4-ylmethyl]-2-fluoro-benzenesulfonamide as a pale yellow solid (0.024 g, 26%).

ESI MS m/e 444 M + H$^+$; ^{1}H NMR (400 MHz, DMSO-d_6) δ 7.98 (m, 1 H), 7.86 (m, 1 H), 7.77 (m 1 H), 7.67 (m, 1 H), 7.47-7.29 (m, 4 H), 7.02 (m, 1 H), 4.69 (m, 2 H), 3.21 (s, 6 H), 2.76 (m, 4 H), 1.66 (m, 3 H), 1.00 (m, 2 H).

Using the procedure for example 2329 and purification by preparative HPLC, the compounds of example 2351 - 2819 were obtained.

Using the procedure for example 2331 and purification by preparative HPLC, the compounds of example 2820 - 2842 were obtained.

Using the procedure for example 2332, the compounds of example 2843 - 3003 were obtained.

Using the procedure for example 2333, the compounds of example 3004 - 3090 were obtained.

Using the procedure for example 2334, the compounds of example 3091 - 3161 were obtained.

Using the procedure for example 2335 and purification by preparative HPLC, the compounds of example 3162 - 3178 were obtained.

Using the procedure for example 2336, the compounds of example 3179 - 3208 were obtained.

Using the procedure for example 2337, the compounds of example 3209 was obtained.

Using the procedure for example 2338, the compounds of example 3210 - 3225 were obtained.

Using the procedure for example 2339, the compounds of example 3226 - 3228 were obtained.

Using the procedure for example 2340, the compounds of example 3229 - 3231 were obtained.

Using the procedure for example 2341, the compounds of example 3232 - 3393 were obtained.

Using the procedure for example 2342, the compounds of example 3394 - 3472 were obtained.

Using the procedure for example 2343, the compounds of example 3473 - 3527 were obtained.

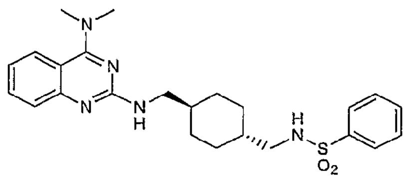
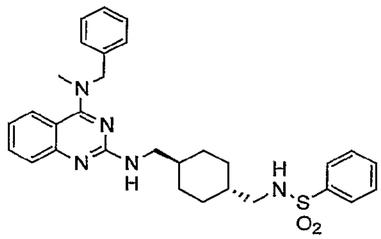
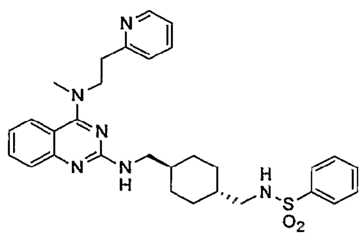
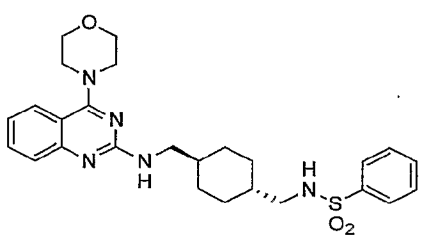
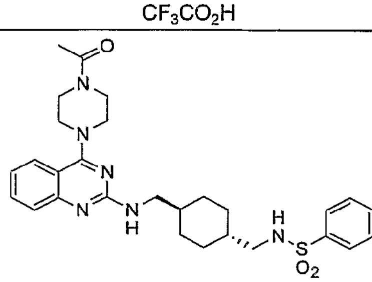
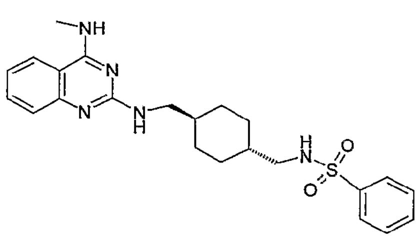
Using the procedure for example 2346, the compounds of example 3528 - 3535 were obtained.

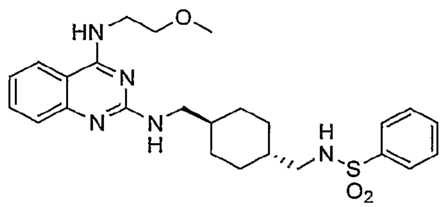
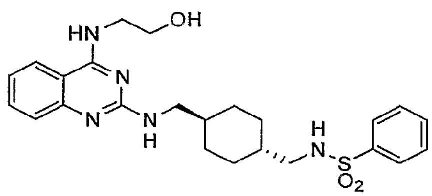
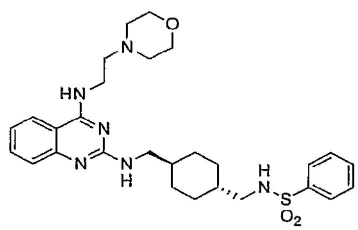
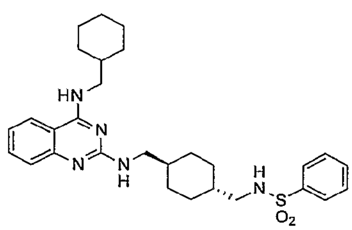
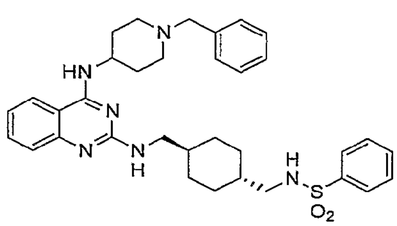
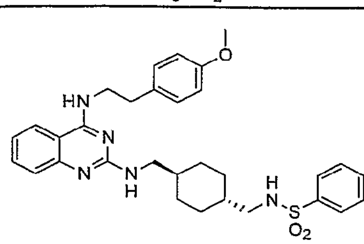
Using the procedure for example 2347 and purification by preparative HPLC, the compounds of example 3536 - 3545 were obtained.

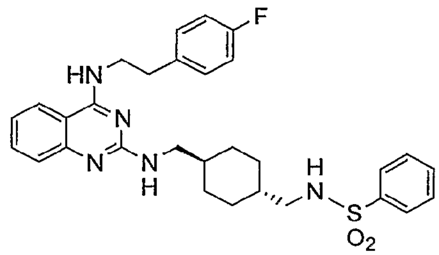
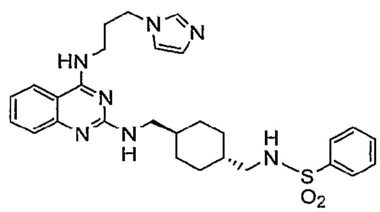
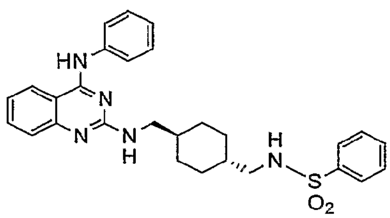
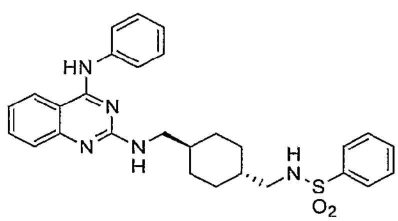
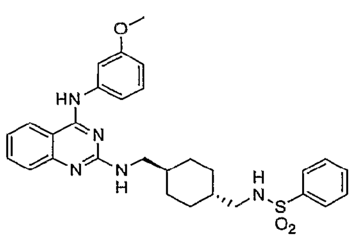
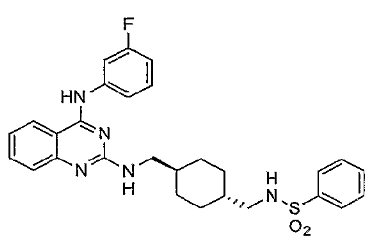
Using the procedure for example 2348 and purification by preparative HPLC, the compounds of example 3546 - 3548 were obtained.

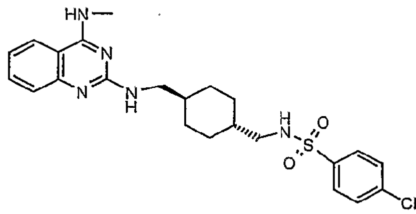
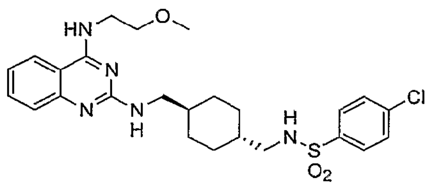
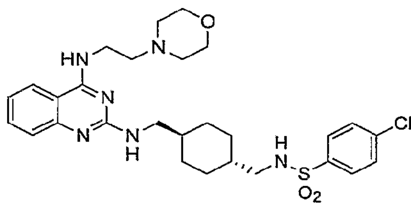
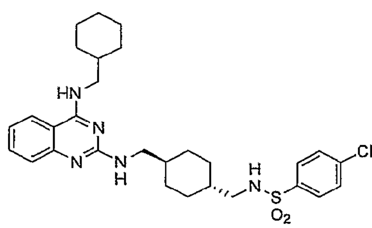
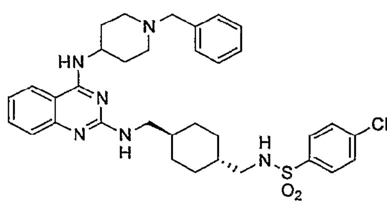
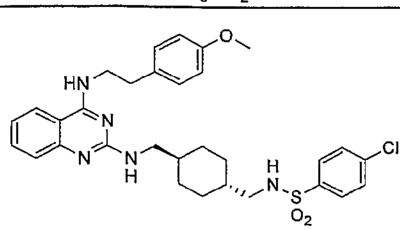
Using the procedure for example 2349, the compounds of example 3549 - 3567 were obtained.

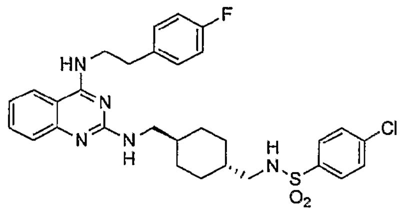
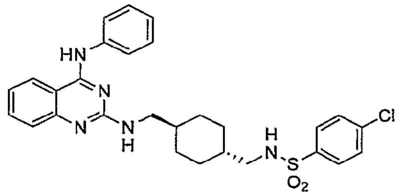
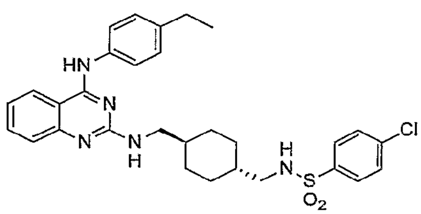
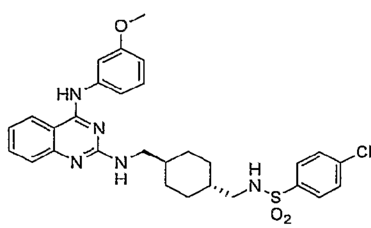
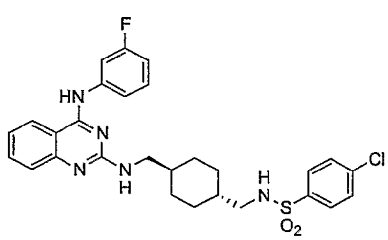
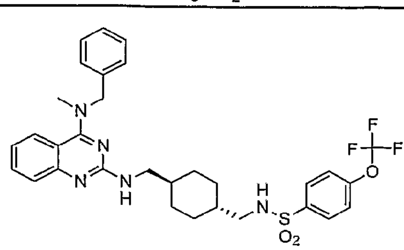
Using the procedure for example 2350 and purification by preparative HPLC, the compounds of example 3568 - 3579 were obtained.

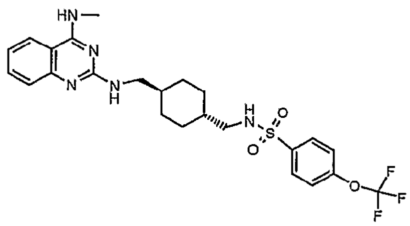
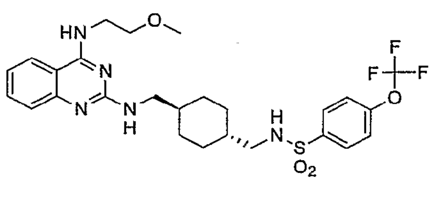
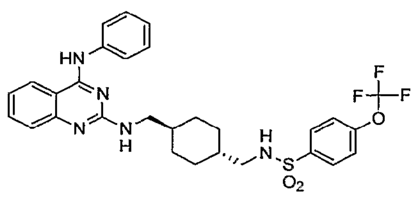
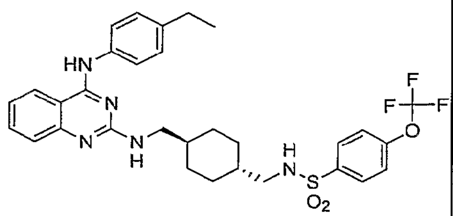
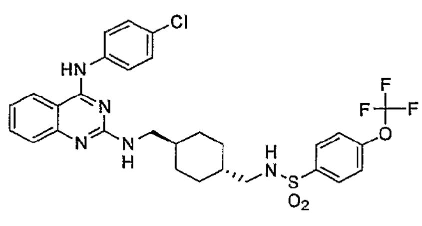
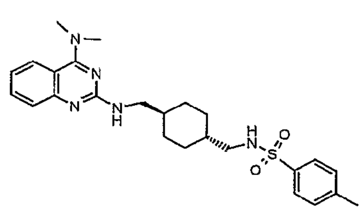
Example No.	Structure	ESI-MS	Retention Time (min)
2351	 CF_3CO_2H	454.0 (M + H)	3.60
2352	 CF_3CO_2H	530.2 (M + H)	4.02
2353	 $2CF_3CO_2H$	545.4 (M + H)	3.05
2354	 CF_3CO_2H	496.4 (M + H)	3.49
2355	 CF_3CO_2H	537.4 (M + H)	3.24
2356	 CF_3CO_2H	440.0 (M + H)	3.47

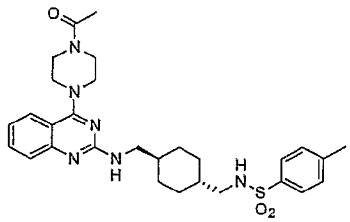
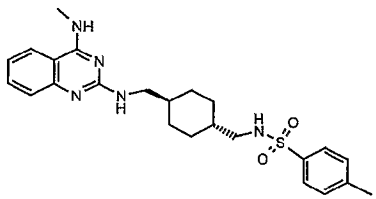
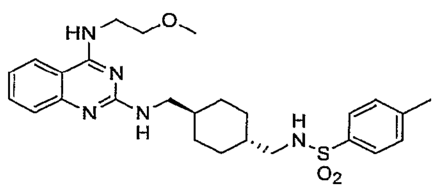
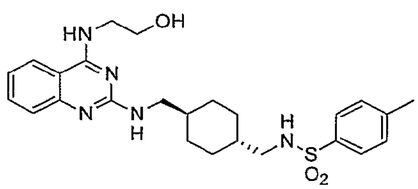
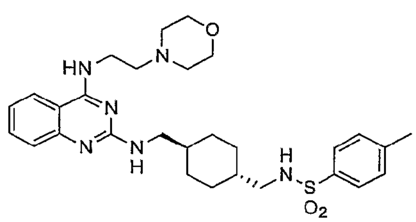
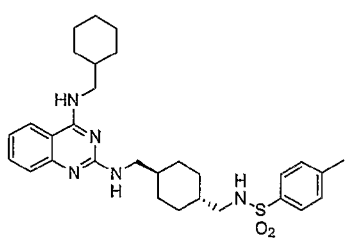
Example No.	Structure	ESI-MS	Retention Time (min)
2357	 CF_3CO_2H	484.4 (M + H)	3.49
2358	 CF_3CO_2H	470.2 (M + H)	3.20
2359	 $2CF_3CO_2H$	539.4 (M + H)	3.12
2360	 CF_3CO_2H	522.2 (M + H)	4.22
2361	 $2CF_3CO_2H$	599.0 (M + H)	3.48
2362	 CF_3CO_2H	560.2 (M + H)	3.99

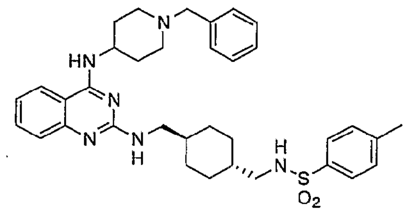
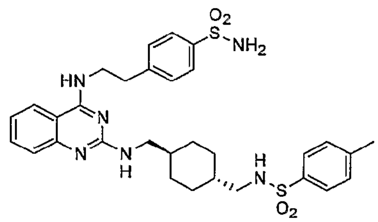
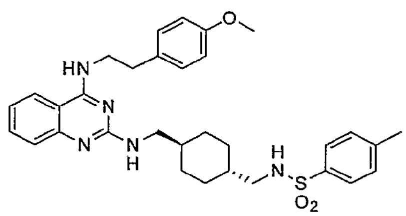
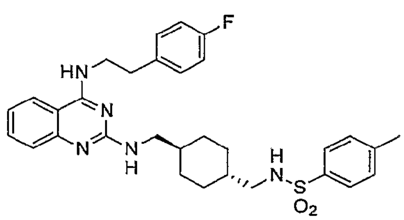
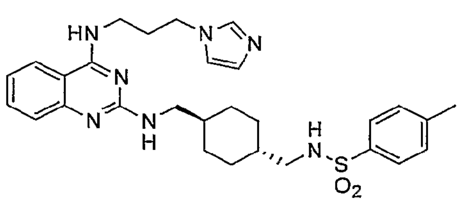
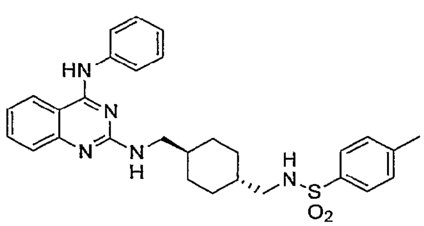
Example No.	Structure	ESI-MS	Retention Time (min)
2363		548.4 (M+H)	4.06
2364	 2CF_3CO_2H	534.0 (M+H)	3.11
2365	 CF_3CO_2H	502.4 (M+H)	3.81
2366	 CF_3CO_2H	530.2 (M+H)	4.04
2367	 CF_3CO_2H	532.4 (M+H)	3.85
2368	 CF_3CO_2H	520.2 (M+H)	3.86

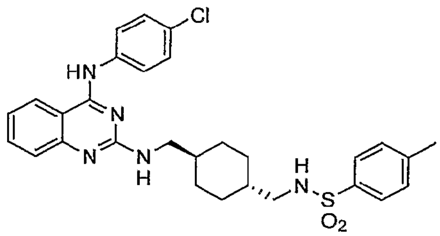
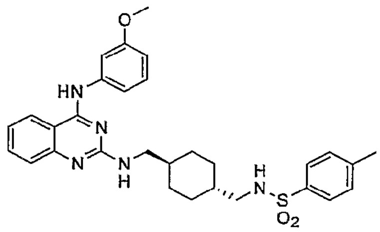
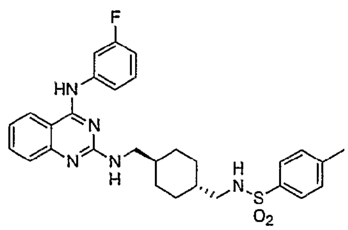
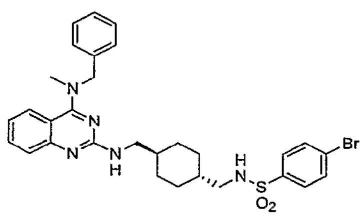
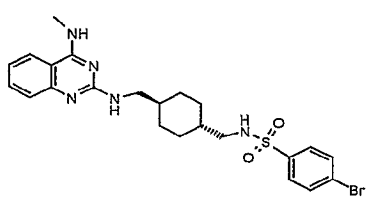
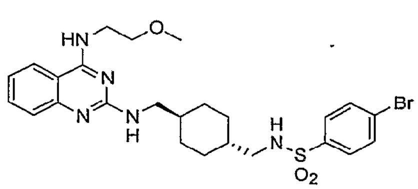
Example No.	Structure	ESI-MS	Retention Time (min)
2369	 CF_3CO_2H	474.2 (M + H)	3.72
2370	 CF_3CO_2H	518.2 (M + H)	3.71
2371	 $2CF_3CO_2H$	573.2 (M + H)	3.15
2372	 CF_3CO_2H	556.2 (M + H)	4.38
2373	 $2CF_3CO_2H$	633.4 (M + H)	3.48
2374	 CF_3CO_2H	594.2 (M + H)	4.23

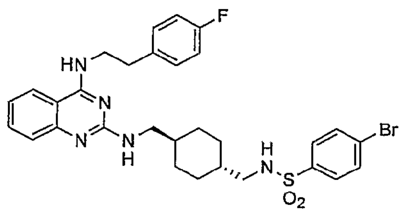
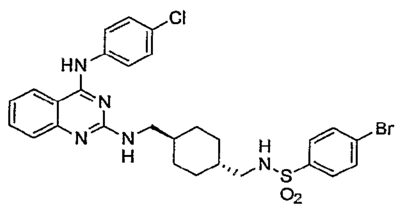
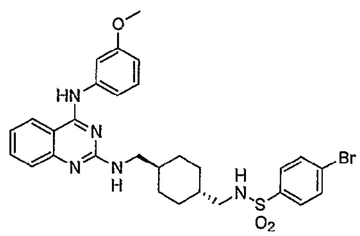
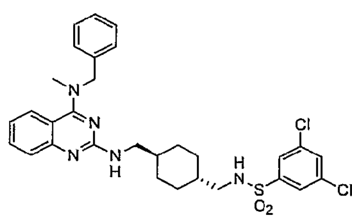
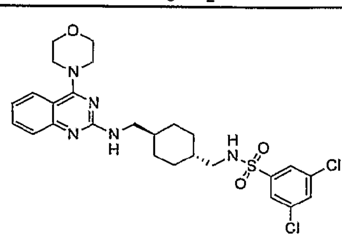
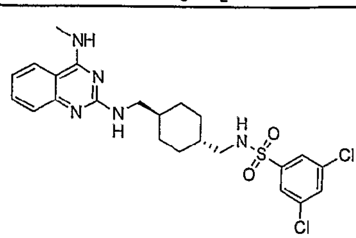
Example No.	Structure	ESI-MS	Retention Time (min)
2375	 CF_3CO_2H	582.4 (M + H)	4.26
2376	 CF_3CO_2H	536.2 (M + H)	4.06
2377	 CF_3CO_2H	564.2 (M + H)	4.32
2378	 CF_3CO_2H	566.4 (M + H)	4.11
2379	 CF_3CO_2H	554.2 (M + H)	4.10
2380	 CF_3CO_2H	614.2 (M + H)	4.26

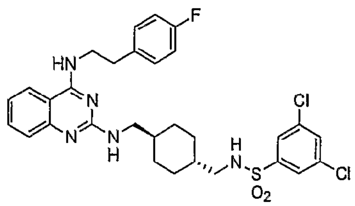
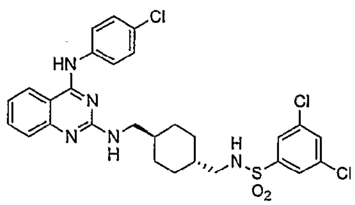
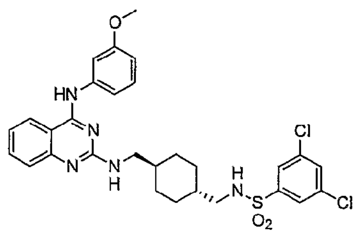
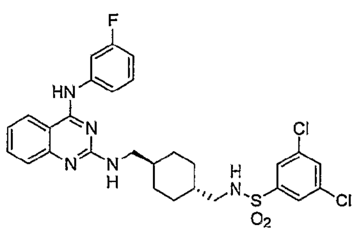
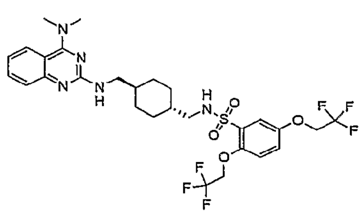
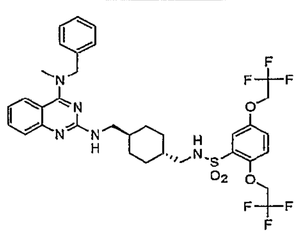
Example No.	Structure	ESI-MS	Retention Time (min)
2381	 CF_3CO_2H	524.4 (M + H)	3.87
2382	 CF_3CO_2H	568.2 (M + H)	3.87
2383	 CF_3CO_2H	586.2 (M + H)	4.18
2384	 CF_3CO_2H	614.2 (M + H)	4.45
2385	 CF_3CO_2H	620.4 (M + H)	4.32
2386	 CF_3CO_2H	468.2 (M + H)	3.20

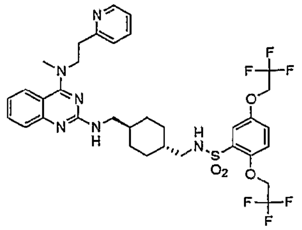
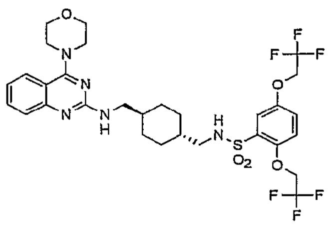
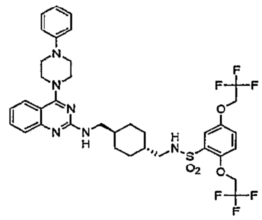
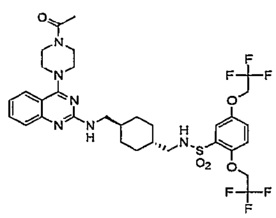
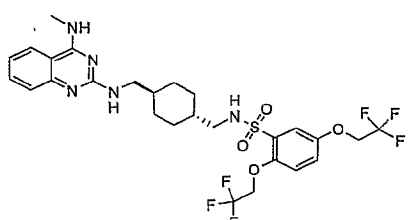
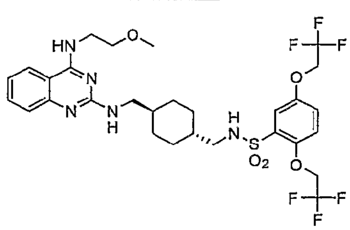
Example No.	Structure	ESI-MS	Retention Time (min)
2387	 CF_3CO_2H	551.6 (M+H)	2.82
2388	 CF_3CO_2H	454.0 (M+H)	3.06
2389	 CF_3CO_2H	498.6 (M+H)	3.10
2390	 CF_3CO_2H	484.2 (M+H)	2.76
2391	 $2CF_3CO_2H$	553.6 (M+H)	2.40
2392	 CF_3CO_2H	536.4 (M+H)	3.77

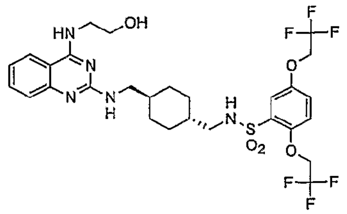
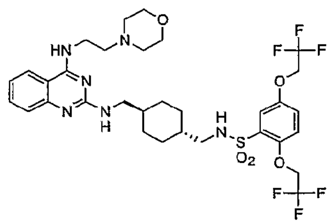
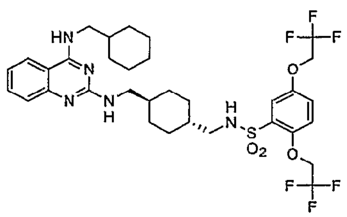
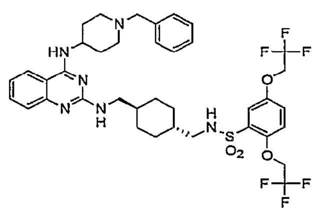
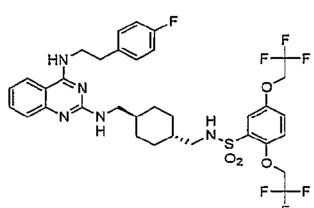
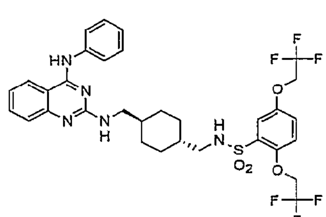
Example No.	Structure	ESI-MS	Retention Time (min)
2393	 2CF$_3$CO$_2$H	613.4 (M+H)	2.74
2394	 CF$_3$CO$_2$H	623.4 (M+H)	3.06
2395	 CF$_3$CO$_2$H	574.4 (M+H)	3.51
2396	 CF$_3$CO$_2$H	562.2 (M+H)	3.59
2397	 2CF$_3$CO$_2$H	548.6 (M+H)	2.48
2398	 CF$_3$CO$_2$H	516.4 (M+H)	3.39

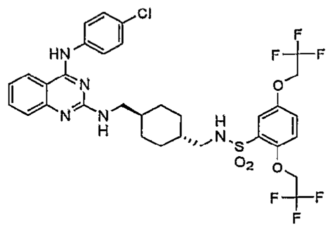
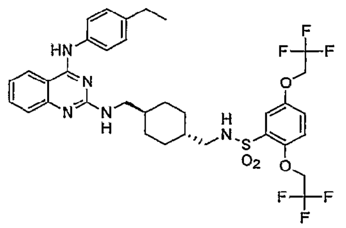
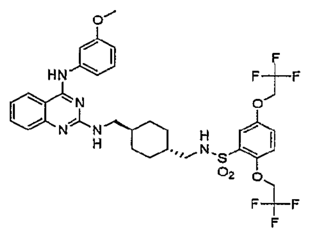
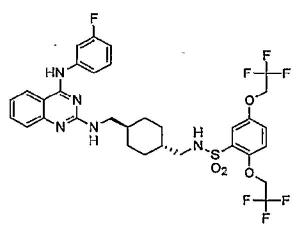
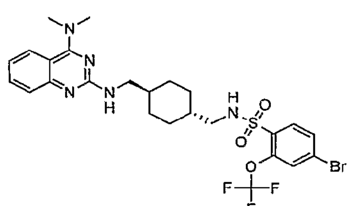
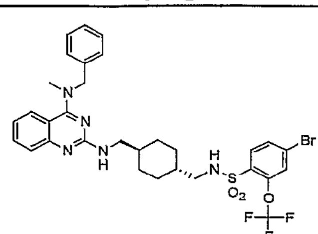
Example No.	Structure	ESI-MS	Retention Time (min)
2399	 CF$_3$CO$_2$H	550.4 (M+H)	3.56
2400	 CF$_3$CO$_2$H	546.2 (M+H)	3.38
2401	 CF$_3$CO$_2$H	534.0 (M+H)	3.43
2402	 CF$_3$CO$_2$H	608.2 (M+H)	3.75
2403	 CF$_3$CO$_2$H	518 (M+H)	3.22
2404	 CF$_3$CO$_2$H	562.2 (M+H)	3.20

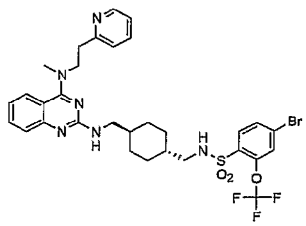
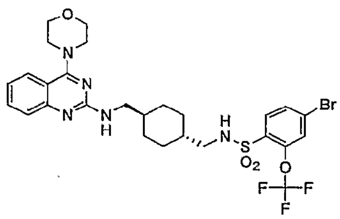
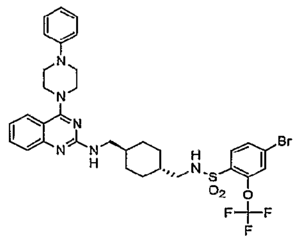
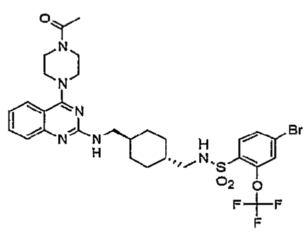
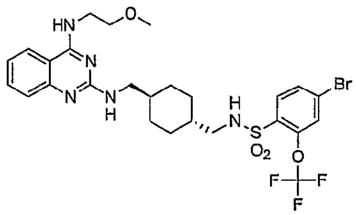
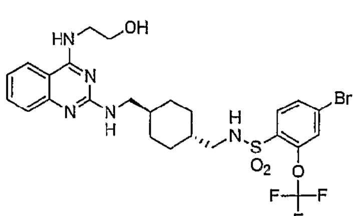
Example No.	Structure	ESI-MS	Retention Time (min)
2405	 CF_3CO_2H	626.0 (M+H)	3.76
2406	 CF_3CO_2H	614.0 (M+H)	3.72
2407	 CF_3CO_2H	610.0 (M+H)	3.57
2408	 CF_3CO_2H	598.2 (M+H)	3.97
2409	 CF_3CO_2H	564.2 (M+H)	3.46
2410	 CF_3CO_2H	508.0 (M+H)	3.44

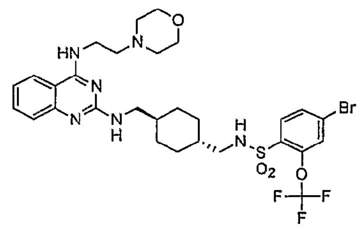
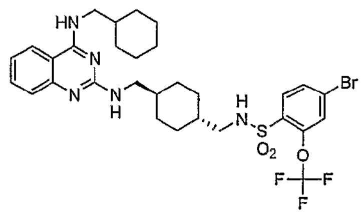
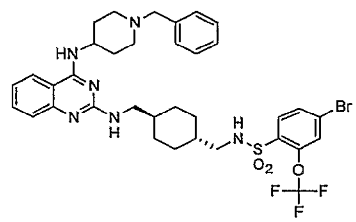
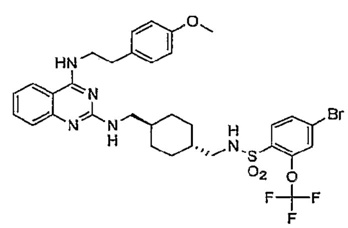
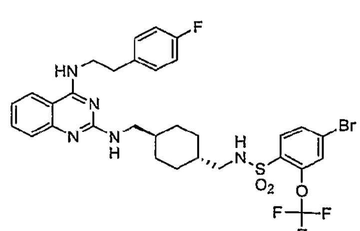
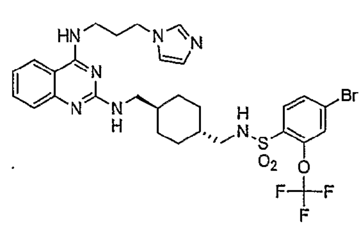
Example No.	Structure	ESI-MS	Retention Time (min)
2411	 CF_3CO_2H	616.2 (M + H)	3.94
2412	 CF_3CO_2H	604.2 (M + H)	4.51
2413	 CF_3CO_2H	600.2 (M + H)	4.32
2414	 CF_3CO_2H	588.0 (M + H)	4.38
2415	 CF_3CO_2H	650.2 (M + H)	4.20
2416	 CF_3CO_2H	726.4 (M + H)	4.52

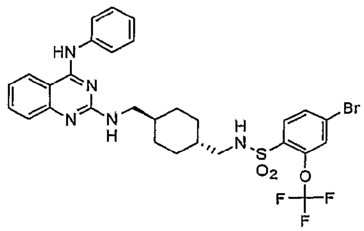
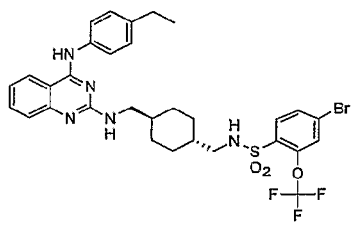
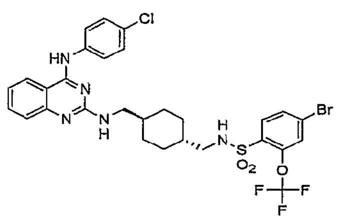
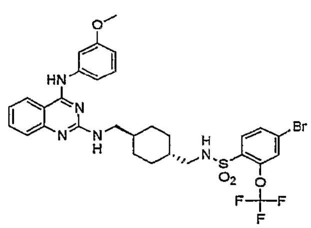
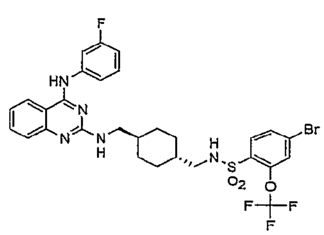
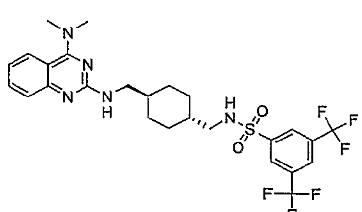
Example No.	Structure	ESI-MS	Retention Time (min)
2417	 2CF_3CO_2H	741.6 (M+H)	3.59
2418	 CF_3CO_2H	692.2 (M+H)	4.12
2419	 2CF_3CO_2H	767.6 (M+H)	4.59
2420	 CF_3CO_2H	733.4 (M+H)	3.87
2421	 CF_3CO_2H	636.2 (M+H)	4.08
2422	 CF_3CO_2H	680.2 (M+H)	4.07

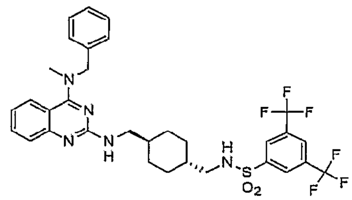
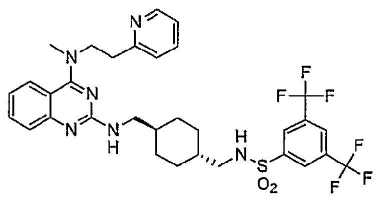
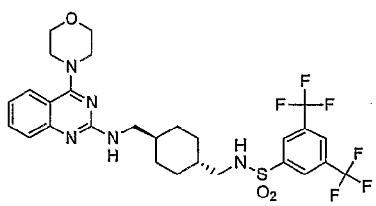
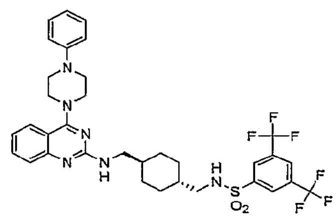
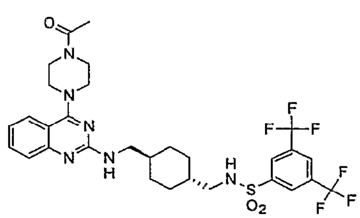
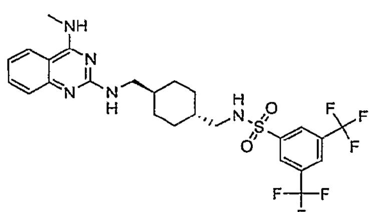
Example No.	Structure	ESI-MS	Retention Time (min)
2423	 CF_3CO_2H	666.0 (M+H)	3.86
2424	 $2CF_3CO_2H$	735.4 (M+H)	3.50
2425	 CF_3CO_2H	718.4 (M+H)	4.64
2426	 $2CF_3CO_2H$	795.6 (M+H)	3.70
2427	 CF_3CO_2H	744.2 (M+H)	4.43
2428	 CF_3CO_2H	698.0 (M+H)	4.26

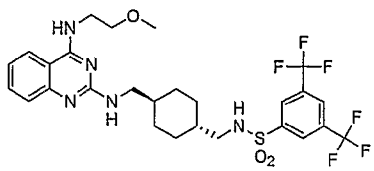
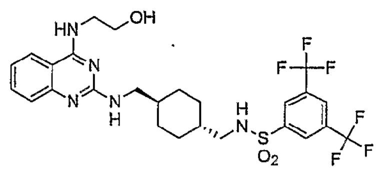
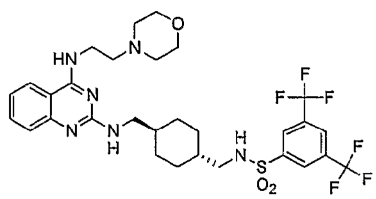
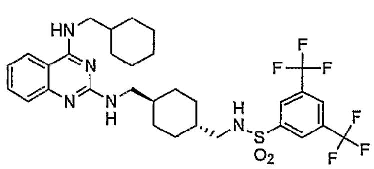
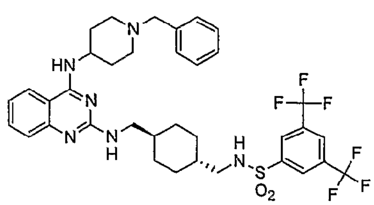
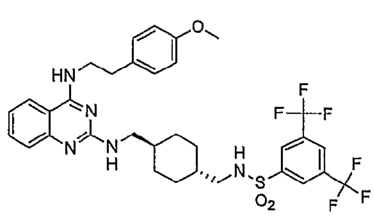
Example No.	Structure	ESI-MS	Retention Time (min)
2429	 CF$_3$CO$_2$H	732.4 (M+H)	4.37
2430	 CF$_3$CO$_2$H	726.4 (M+H)	4.52
2431	 CF$_3$CO$_2$H	728.4 (M+H)	4.36
2432	 CF$_3$CO$_2$H	716.4 (M+H)	4.32
2433	 CF$_3$CO$_2$H	616.0 (M+H)	4.22
2434	 CF$_3$CO$_2$H	692.0 (M+H)	4.57

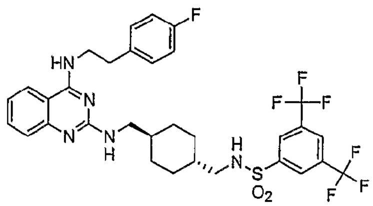
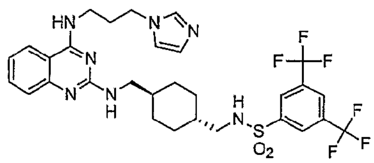
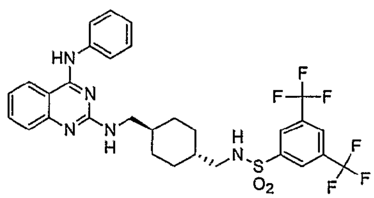
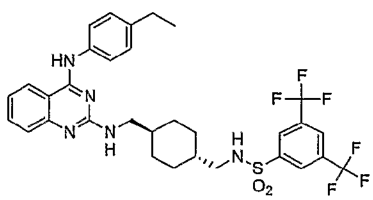
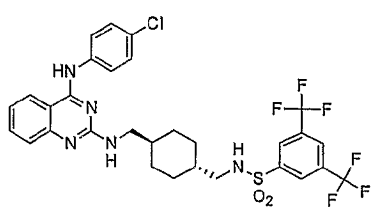
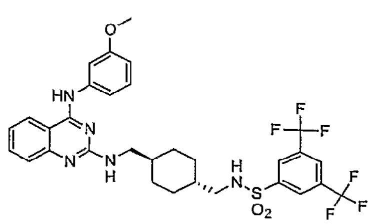
Example No.	Structure	ESI-MS	Retention Time (min)
2435	 $2CF_3CO_2H$	707.2 (M+H)	3.64
2436	 CF_3CO_2H	658.2 (M+H)	4.15
2437	 CF_3CO_2H	733.2 (M+H)	4.68
2438	 CF_3CO_2H	699.2 (M+H)	3.88
2439	 CF_3CO_2H	646.4 (M+H)	4.08
2440	 CF_3CO_2H	632.4 (M+H)	3.86

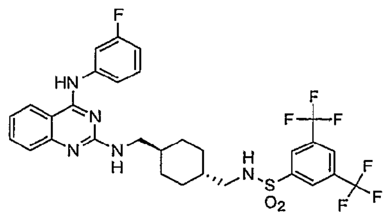
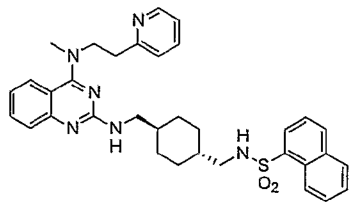
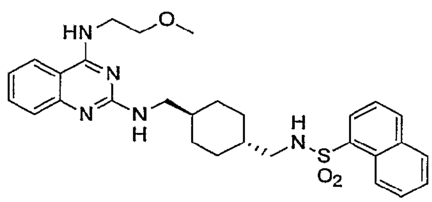
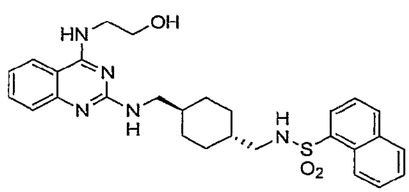
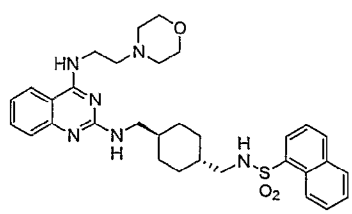
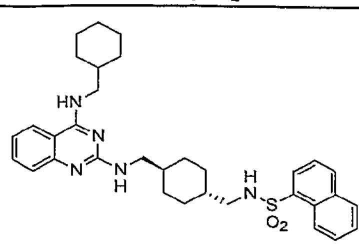
Example No.	Structure	ESI-MS	Retention Time (min)
2441	 2CF$_3$CO$_2$H	701.4 (M+H)	3.51
2442	 CF$_3$CO$_2$H	684.2 (M+H)	4.75
2443	 2CF$_3$CO$_2$H	761.2 (M+H)	3.74
2444	 CF$_3$CO$_2$H	722.2 (M+H)	4.59
2445	 CF$_3$CO$_2$H	710.2 (M+H)	4.60
2446	 2CF$_3$CO$_2$H	696.2 (M+H)	3.53

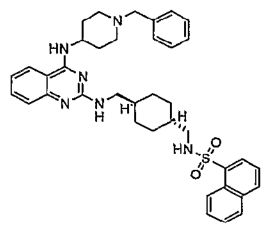
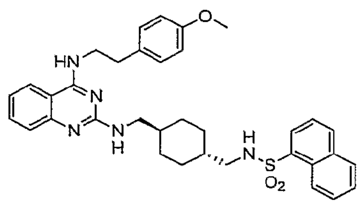
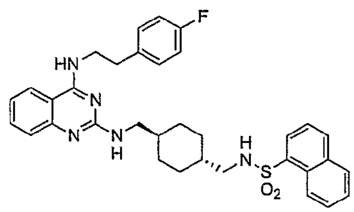
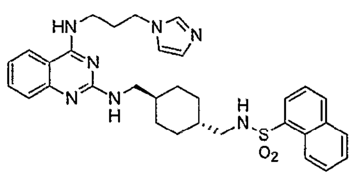
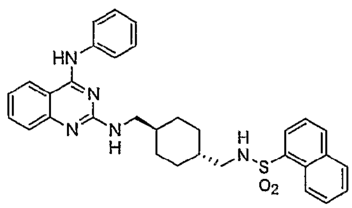
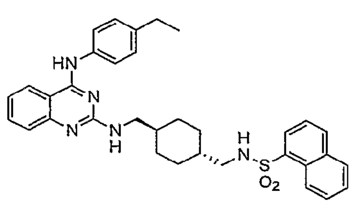
Example No.	Structure	ESI-MS	Retention Time (min)
2447	 CF_3CO_2H	664.2 (M + H)	4.39
2448	 CF_3CO_2H	692.0 (M + H)	4.65
2449	 CF_3CO_2H	698.0 (M + H)	4.59
2450	 CF_3CO_2H	694.2 (M + H)	4.42
2451	 CF_3CO_2H	682.2 (M + H)	4.42
2452	 CF_3CO_2H	590.2 (M + H)	4.28

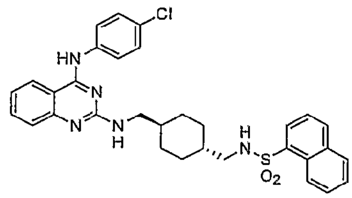
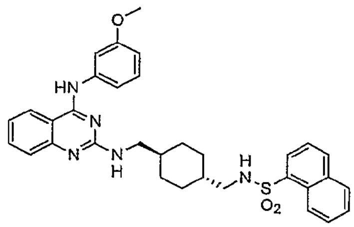
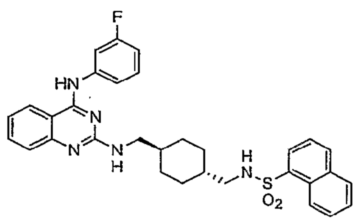
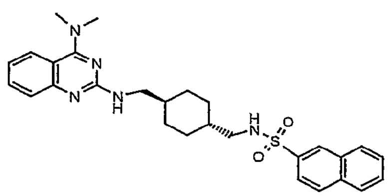
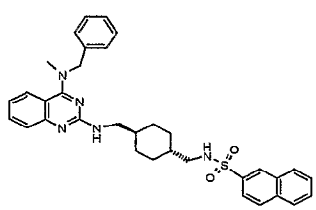
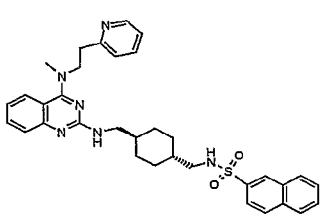
Example No.	Structure	ESI-MS	Retention Time (min)
2453	 CF$_3$CO$_2$H	666.2 (M + H)	4.61
2454	 2CF$_3$CO$_2$H	681.2 (M + H)	3.72
2455	 CF$_3$CO$_2$H	632.4 (M + H)	4.21
2456	 2CF$_3$CO$_2$H	707.2 (M + H)	4.70
2457	 CF$_3$CO$_2$H	673.2 (M + H)	3.94
2458	 CF$_3$CO$_2$H	576.2 (M + H)	4.16

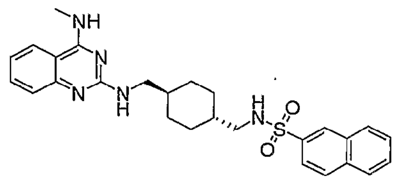
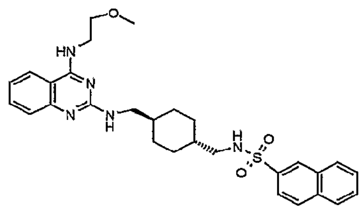
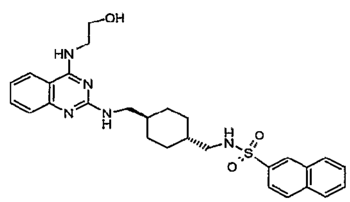
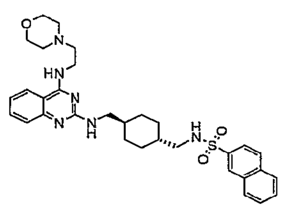
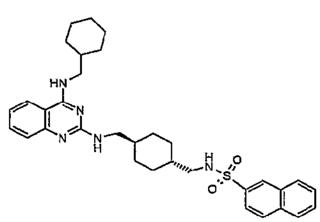
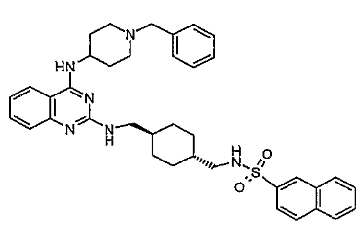
Example No.	Structure	ESI-MS	Retention Time (min)
2459	 CF_3CO_2H	620.4 (M + H)	4.19
2460	 CF_3CO_2H	606.6 (M + H)	3.94
2461	 $2CF_3CO_2H$	675.4 (M + H)	3.59
2462	 CF_3CO_2H	658.6 (M + H)	4.82
2463	 $2CF_3CO_2H$	735.4 (M + H)	3.82
2464	 CF_3CO_2H	696.0 (M + H)	4.56

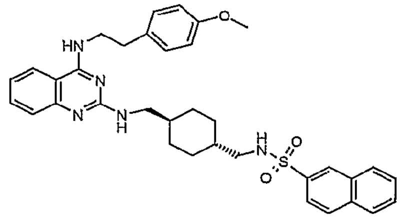
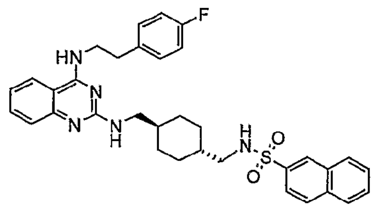
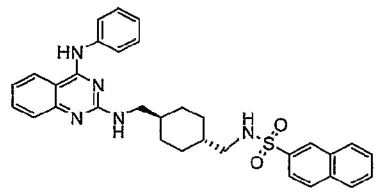
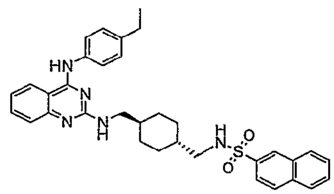
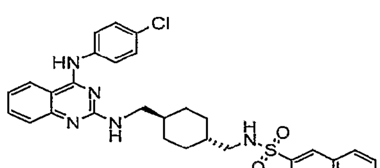
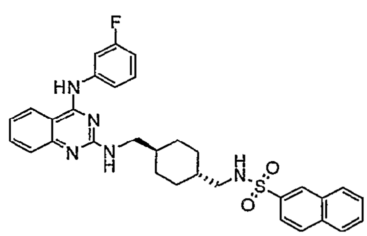
Example No.	Structure	ESI-MS	Retention Time (min)
2465	 CF_3CO_2H	684.4 (M + H)	4.61
2466	 $2CF_3CO_2H$	670.2 (M + H)	3.56
2467	 CF_3CO_2H	638.2 (M + H)	4.43
2468	 CF_3CO_2H	666.2 (M + H)	4.68
2469	 CF_3CO_2H	672.2 (M + H)	4.60
2470	 CF_3CO_2H	668.2 (M + H)	4.44

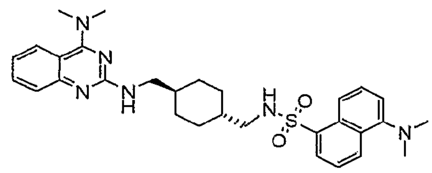
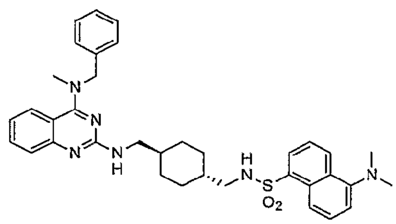
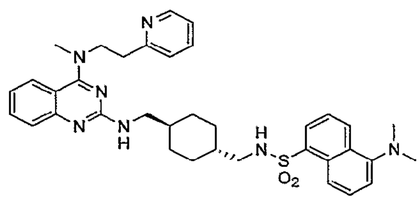
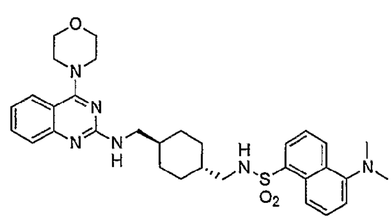
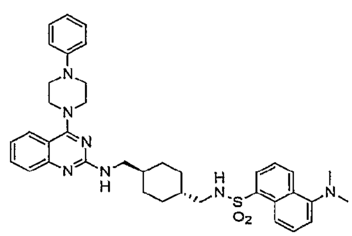
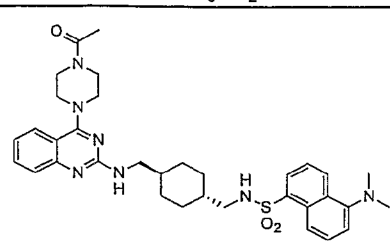
Example No.	Structure	ESI-MS	Retention Time (min)
2471	 CF_3CO_2H	656.4 (M + H)	4.47
2472	 $2CF_3CO_2H$	595.4 (M + H)	3.32
2473	 CF_3CO_2H	534.0 (M + H)	3.81
2474	 CF_3CO_2H	520.4 (M + H)	3.56
2475	 $2CF_3CO_2H$	589.2 (M + H)	3.25
2476	 CF_3CO_2H	572.4 (M + H)	4.47

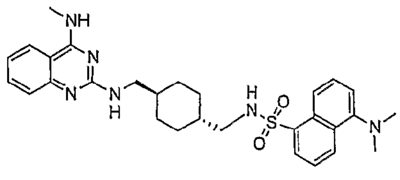
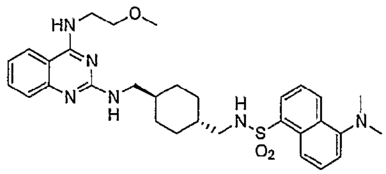
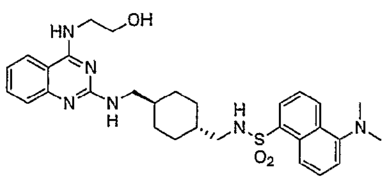
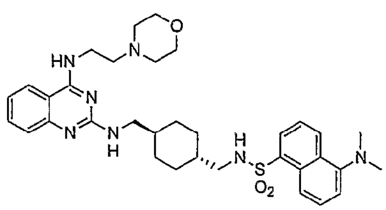
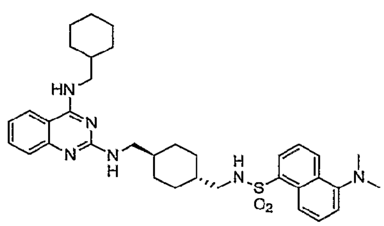
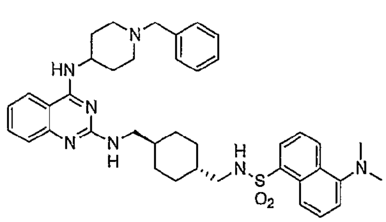
Example No.	Structure	ESI-MS	Retention Time (min)
2477	 $2CF_3CO_2H$	649.4 (M+H)	3.50
2478	 CF_3CO_2H	610.4 (M+H)	4.26
2479	 CF_3CO_2H	598.2 (M+H)	4.30
2480	 $2CF_3CO_2H$	584.4 (M+H)	3.29
2481	 CF_3CO_2H	552.6 (M+H)	4.11
2482	 CF_3CO_2H	580.6 (M+H)	4.40

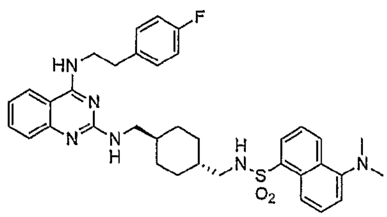
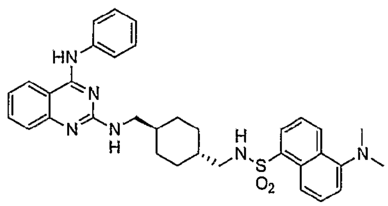
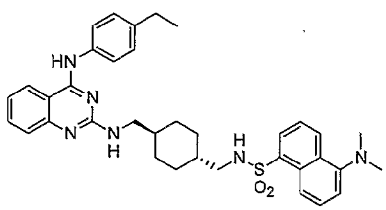
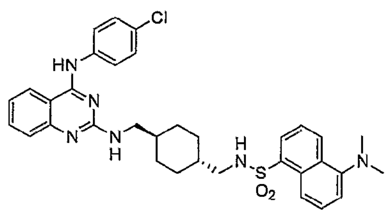
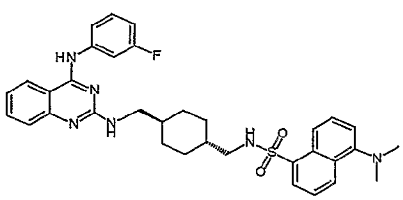
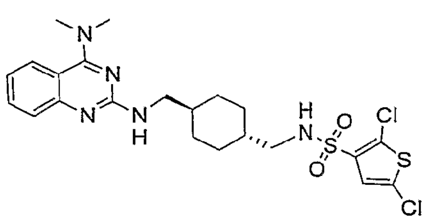
Example No.	Structure	ESI-MS	Retention Time (min)
2483	 CF_3CO_2H	586.2 (M + H)	4.30
2484	 CF_3CO_2H	582.4 (M + H)	4.14
2485	 CF_3CO_2H	570.2 (M + H)	4.14
2486	 CF_3CO_2H	504.2 (M + H)	3.94
2487	 CF_3CO_2H	580.6 (M + H)	4.34
2488	 $2CF_3CO_2H$	595.2 (M + H)	3.41

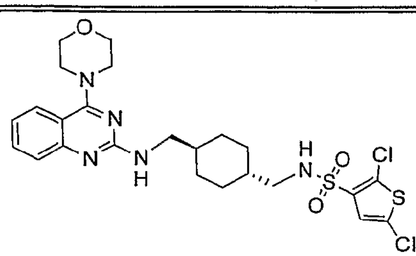
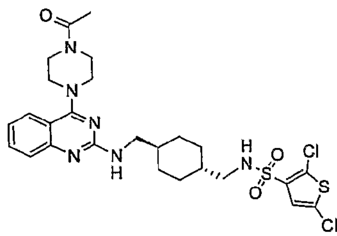
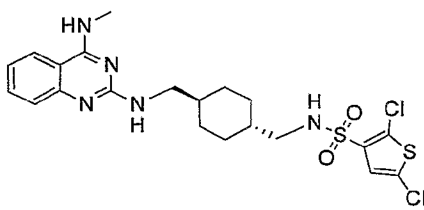
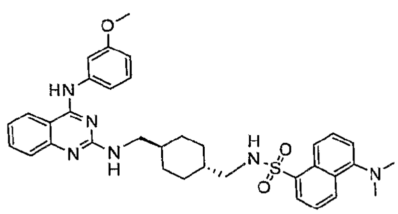
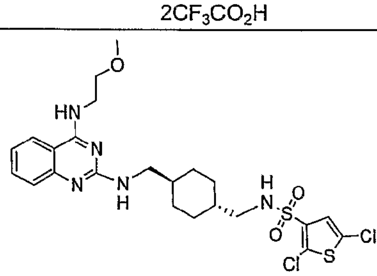
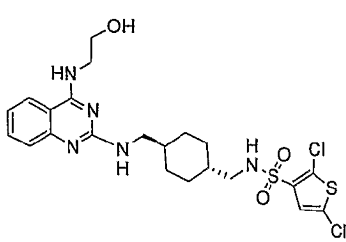
Example No.	Structure	ESI-MS	Retention Time (min)
2489	 CF_3CO_2H	490.2 (M + H)	3.84
2490	 CF_3CO_2H	534.2 (M + H)	3.84
2491	 CF_3CO_2H	520.4 (M + H)	3.60
2492	 $2CF_3CO_2H$	589.2 (M + H)	3.29
2493	 CF_3CO_2H	572.4 (M + H)	4.51
2494	 $2CF_3CO_2H$	649.4 (M + H)	3.52

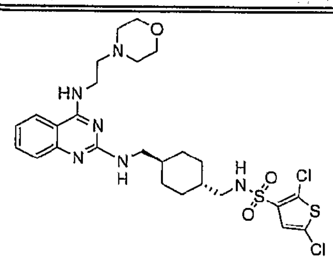
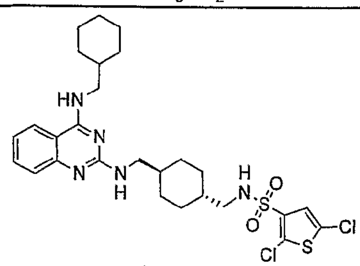
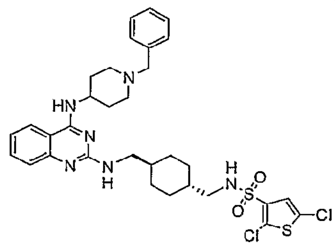
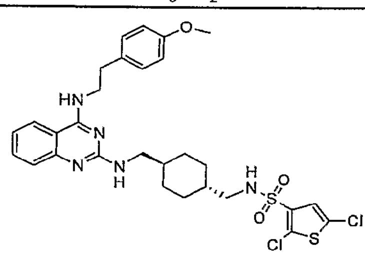
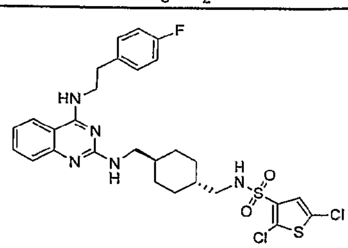
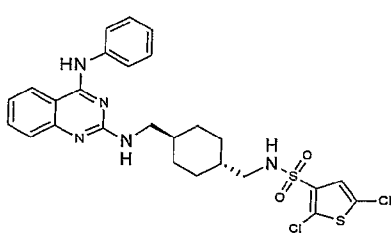
Example No.	Structure	ESI-MS	Retention Time (min)
2495	 CF$_3$CO$_2$H	610.2 (M+H)	4.29
2496	 CF$_3$CO$_2$H	598.2 (M+H)	4.34
2497	 CF$_3$CO$_2$H	552.6 (M+H)	4.13
2498	 CF$_3$CO$_2$H	580.6 (M+H)	4.37
2499	 CF$_3$CO$_2$H	586.2 (M+H)	4.30
2500	 CF$_3$CO$_2$H	570.2 (M+H)	4.18

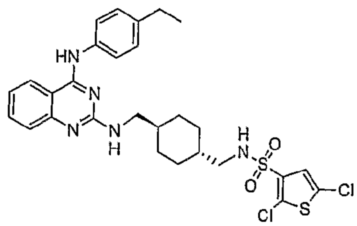
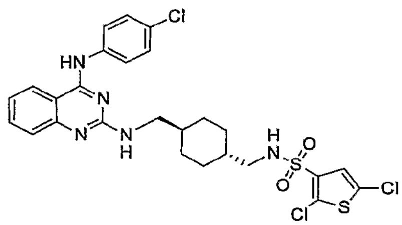
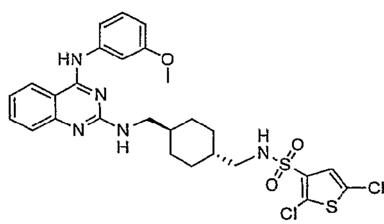
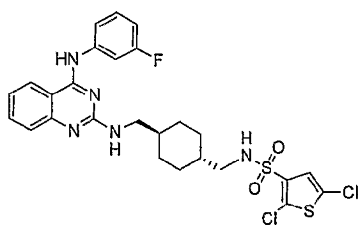
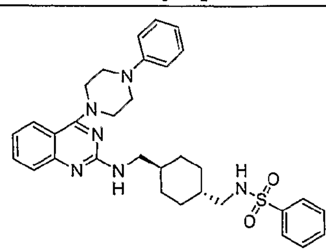
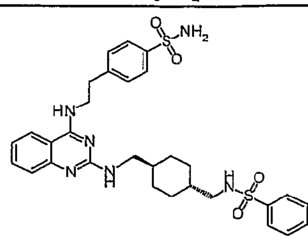
Example No.	Structure	ESI-MS	Retention Time (min)
2501	 $2CF_3CO_2H$	547.4 (M + H)	3.69
2502	 $2CF_3CO_2H$	623.4 (M + H)	4.10
2503	 $3CF_3CO_2H$	638.2 (M + H)	3.20
2504	 $2CF_3CO_2H$	589.2 (M + H)	3.62
2505	 $3CF_3CO_2H$	664.4 (M + H)	4.25
2506	 $2CF_3CO_2H$	630.4 (M + H)	3.35

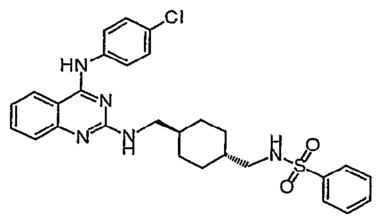
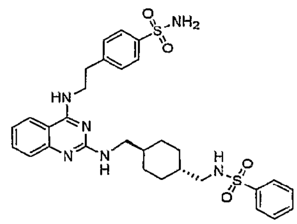
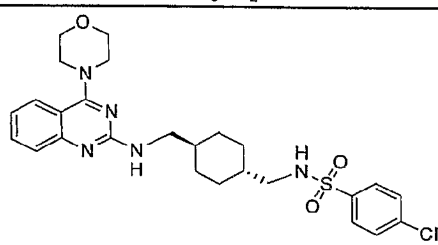
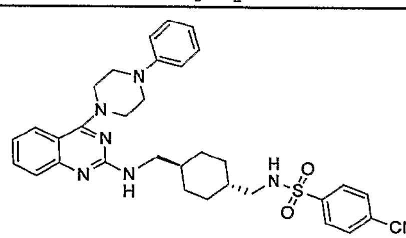
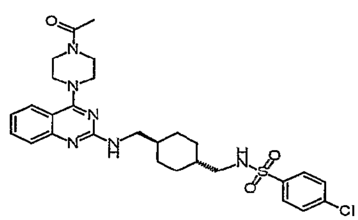
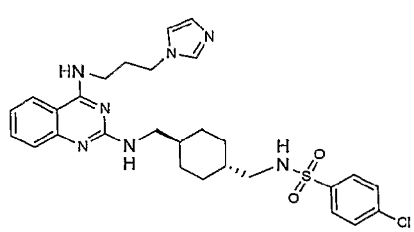
Example No.	Structure	ESI-MS	Retention Time (min)
2507	 $2CF_3CO_2H$	533.2 (M + H)	3.57
2508	 $2CF_3CO_2H$	577.6 (M + H)	3.58
2509	 $2CF_3CO_2H$	563.2 (M + H)	3.28
2510	 $3CF_3CO_2H$	632.6 (M + H)	3.06
2511	 $2CF_3CO_2H$	615.4 (M + H)	4.30
2512	 $3CF_3CO_2H$	692.2 (M + H)	3.38

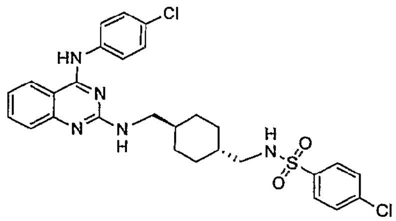
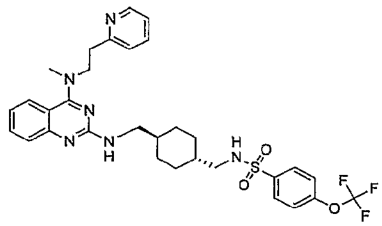
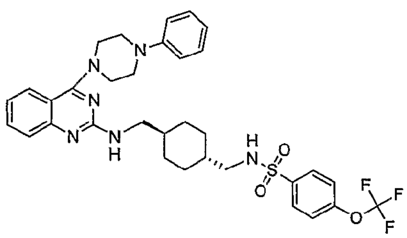
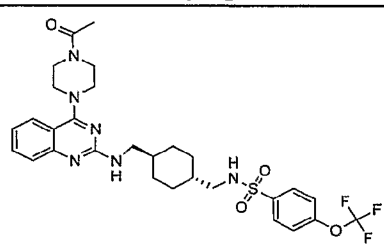
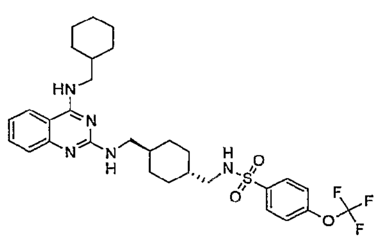
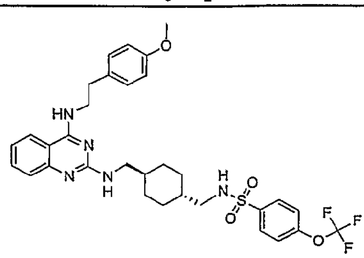
Example No.	Structure	ESI-MS	Retention Time (min)
2513	 $2CF_3CO_2H$	641.4 (M+H)	4.13
2514	 $2CF_3CO_2H$	595.4 (M+H)	3.89
2515	 $2CF_3CO_2H$	623.4 (M+H)	4.20
2516	 $2CF_3CO_2H$	629.2 (M+H)	4.15
2517	 $2CF_3CO_2H$	613.2 (M+H)	4.02
2518	 CF_3CO_2H	528.2 (M+H)	4.03

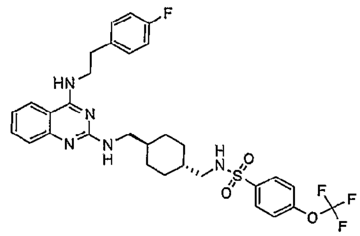
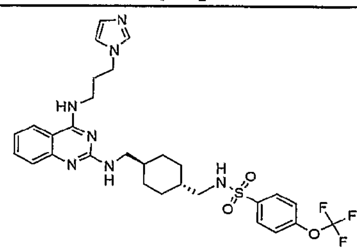
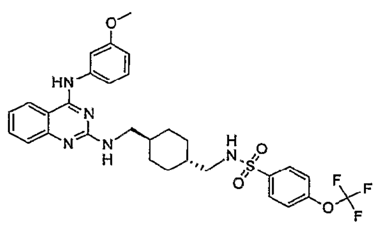
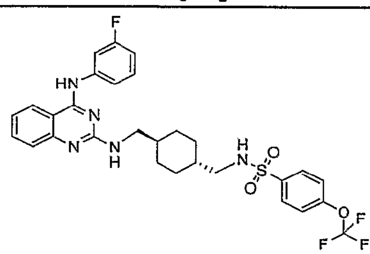
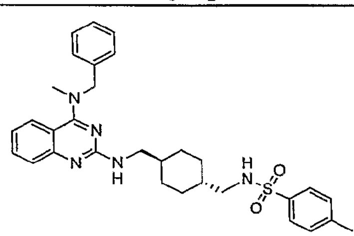
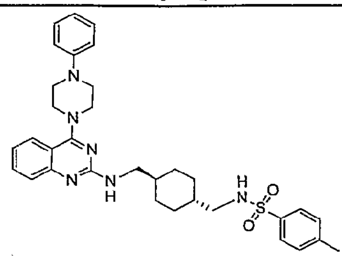
Example No.	Structure	ESI-MS	Retention Time (min)
2519	 CF_3CO_2H	570.2 (M+H)	3.96
2520	 CF_3CO_2H	611.0 (M+H)	3.69
2521	 CF_3CO_2H	514.2 (M+H)	3.94
2522	 $2CF_3CO_2H$	625.4 (M+H)	3.94
2523	 CF_3CO_2H	558.2 (M+H)	3.96
2524	 CF_3CO_2H	544.2 (M+H)	3.67

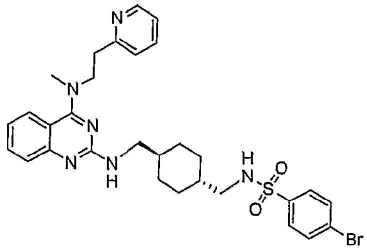
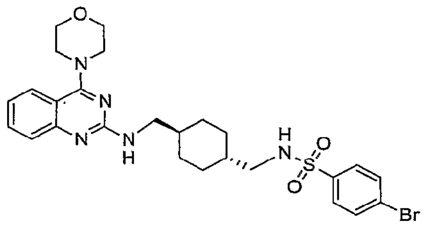
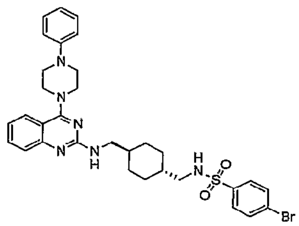
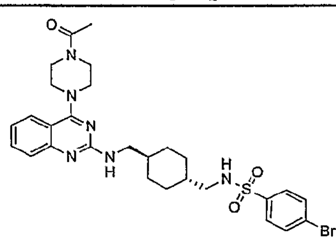
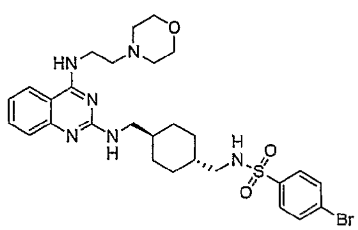
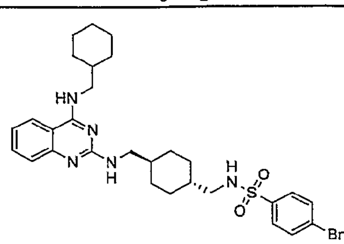
Example No.	Structure	ESI-MS	Retention Time (min)
2525	 $2CF_3CO_2H$	613.2 (M + H)	3.31
2526	 CF_3CO_2H	596.2 (M + H)	4.69
2527	 $2CF_3CO_2H$	673.4 (M + H)	3.57
2528	 CF_3CO_2H	634.4 (M + H)	4.41
2529	 CF_3CO_2H	622.2 (M + H)	4.45
2530	 CF_3CO_2H	576 (M + H)	4.25

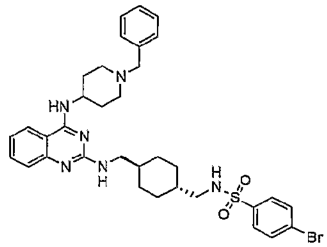
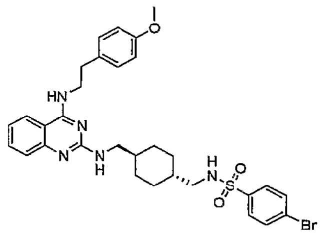
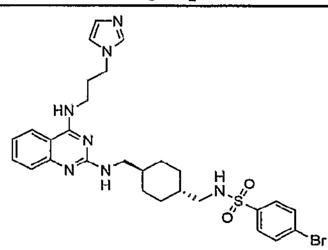
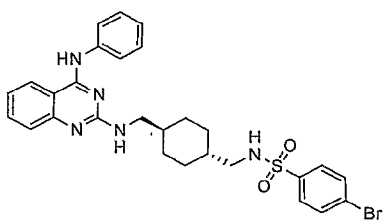
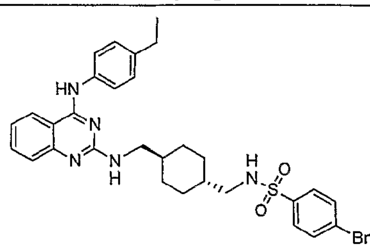
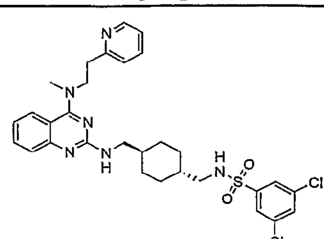
Example No.	Structure	ESI-MS	Retention Time (min)
2531	 CF_3CO_2H	604.4 (M + H)	4.52
2532	 CF_3CO_2H	610.2 (M + H)	4.40
2533	 CF_3CO_2H	606.4 (M + H)	4.29
2534	 CF_3CO_2H	594.2 (M + H)	4.27
2535	 $2CF_3CO_2H$	571.8 (M + H)	4.99
2536	 CF_3CO_2H	609.8 (M + H)	4.43

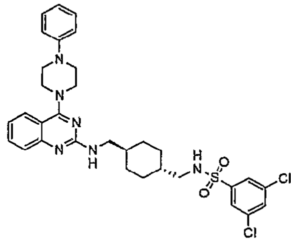
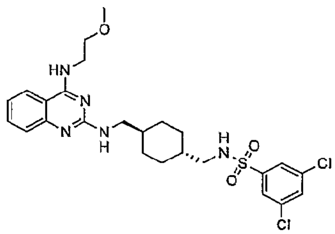
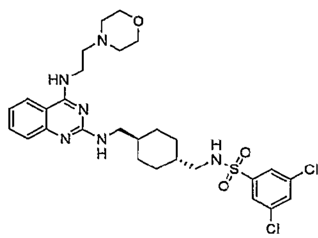
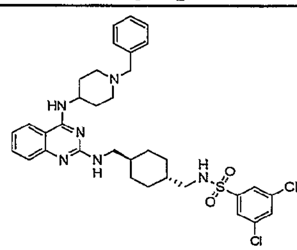
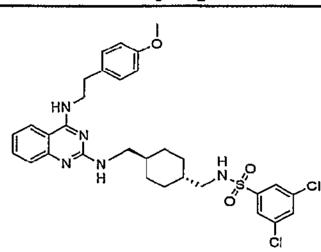
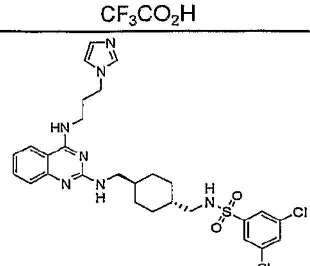
Example No.	Structure	ESI-MS	Retention Time (min)
2537	 CF_3CO_2H	536.4 (M + H)	4.86
2538	 CF_3CO_2H	564.6 (M + H)	5.13
2539	 CF_3CO_2H	530.6 (M + H)	4.65
2540	 $2CF_3CO_2H$	605.6 (M + H)	5.21
2541	 CF_3CO_2H	571.6 (M + H)	4.45
2542	 $2CF_3CO_2H$	568.8 (M + H)	4.09

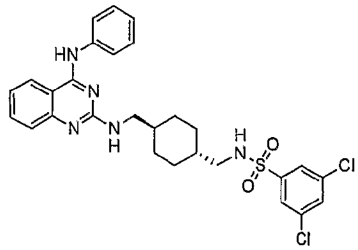
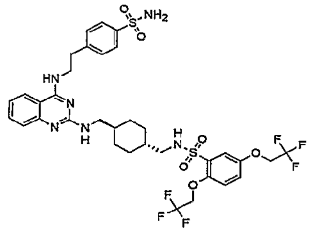
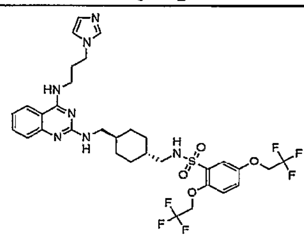
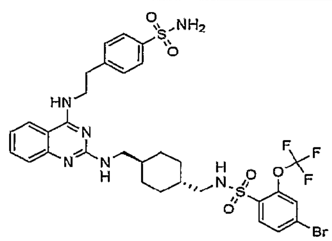
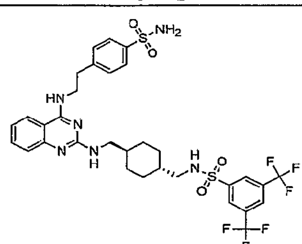
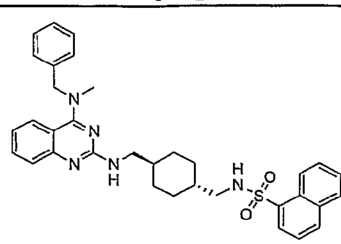
Example No.	Structure	ESI-MS	Retention Time (min)
2543	 CF$_3$CO$_2$H	570.6 (M + H)	5.11
2544	 2CF$_3$CO$_2$H	629.6 (M + H)	4.37
2545	 2CF$_3$CO$_2$H	655.6 (M + H)	5.35
2546	 CF$_3$CO$_2$H	621.8 (M + H)	4.63
2547	 CF$_3$CO$_2$H	606.8 (M + H)	5.45
2548	 CF$_3$CO$_2$H	644.6 (M + H)	5.21

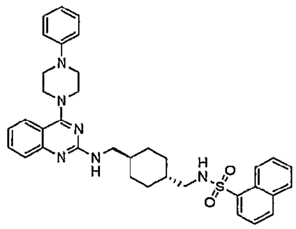
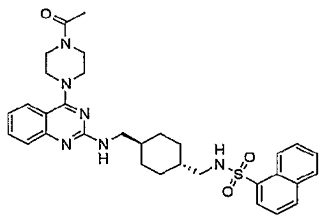
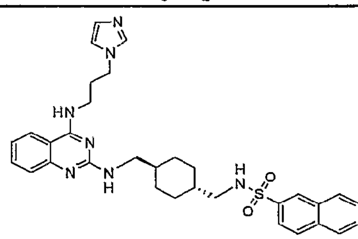
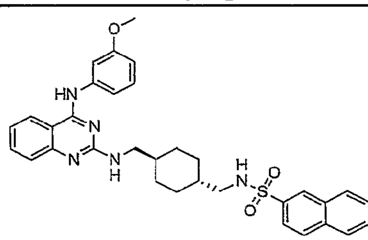
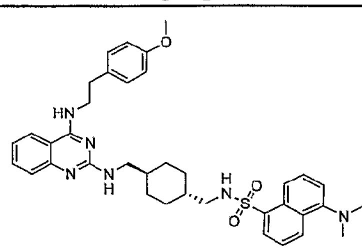
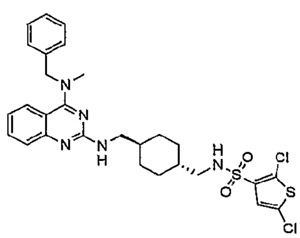
Example No.	Structure	ESI-MS	Retention Time (min)
2549	 CF$_3$CO$_2$H	632.6 (M + H)	5.25
2550	 2CF$_3$CO$_2$H	618.6 (M + H)	4.29
2551	 CF$_3$CO$_2$H	616.6 (M + H)	5.14
2552	 CF$_3$CO$_2$H	604.6 (M + H)	5.13
2553	 CF$_3$CO$_2$H	544.6 (M + H)	5.03
2554	 2CF$_3$CO$_2$H	585.6 (M + H)	5.13

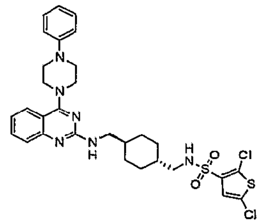
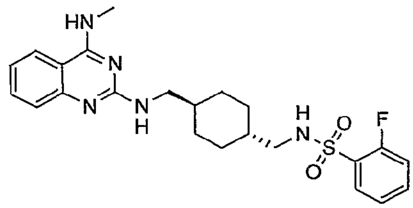
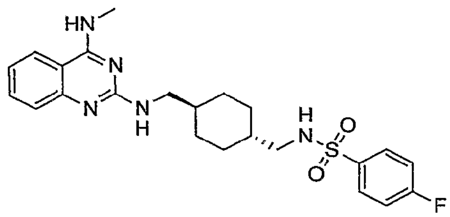
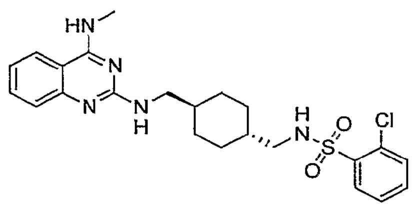
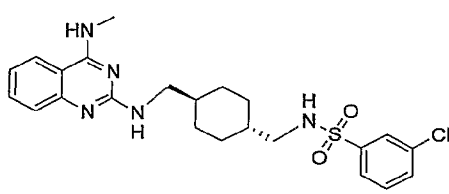
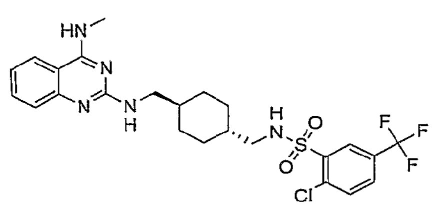
Example No.	Structure	ESI-MS	Retention Time (min)
2555	 $2CF_3CO_2H$	623.6 (M + H)	4.25
2556	 CF_3CO_2H	574.6 (M + H)	4.73
2557	 $2CF_3CO_2H$	649.0 (M + H)	5.25
2558	 CF_3CO_2H	615.0 (M + H)	4.51
2559	 $2CF_3CO_2H$	617.4 (M + H)	4.15
2560	 CF_3CO_2H	600.6 (M + H)	5.37

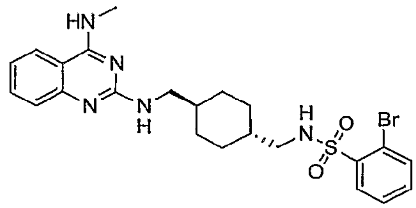
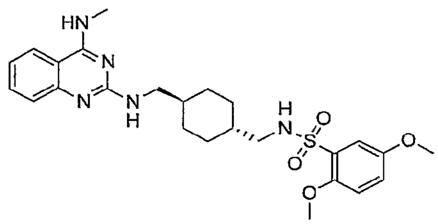
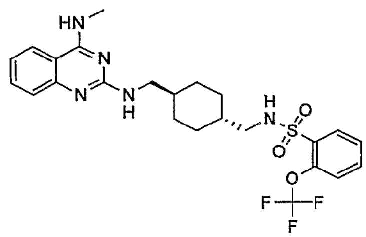
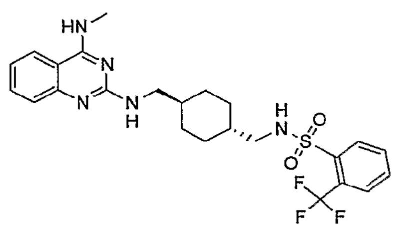
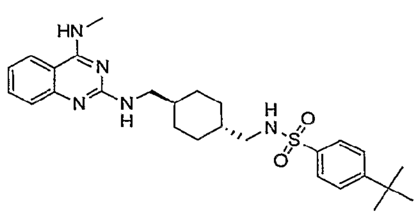
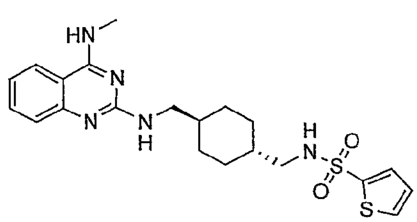
Example No.	Structure	ESI-MS	Retention Time (min)
2561	 $2CF_3CO_2H$	677.0 (M + H)	4.45
2562	 CF_3CO_2H	638.6 (M + H)	5.18
2563	 $2CF_3CO_2H$	612.6 (M + H)	4.16
2564	 CF_3CO_2H	580.0 (M + H)	5.01
2565	 CF_3CO_2H	608.0 (M + H)	5.26
2566	 $2CF_3CO_2H$	613.6 (M + H)	4.44

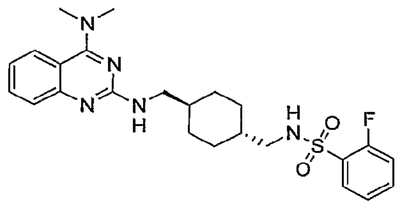
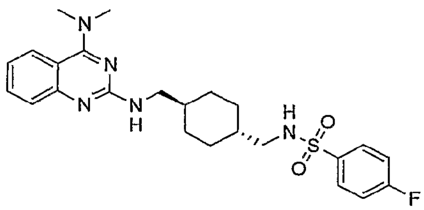
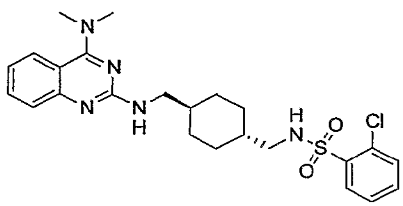
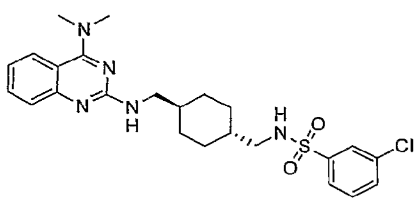
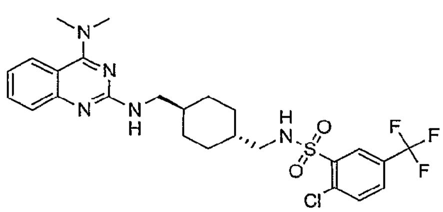
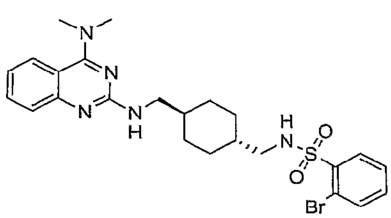
Example No.	Structure	ESI-MS	Retention Time (min)
2567	 2CF$_3$CO$_2$H	639.6 (M + H)	5.48
2568	 CF$_3$CO$_2$H	552.6 (M + H)	4.92
2569	 2CF$_3$CO$_2$H	607.8 (M + H)	4.33
2570	 2CF$_3$CO$_2$H	667.4 (M + H)	4.67
2571	 CF$_3$CO$_2$H	628.6 (M + H)	5.29
2572	 2CF$_3$CO$_2$H	602.6 (M + H)	4.35

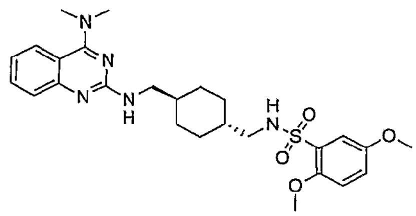
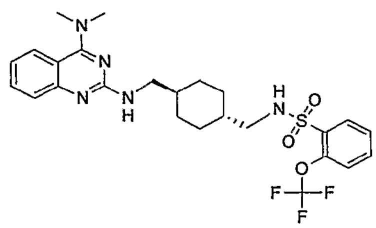
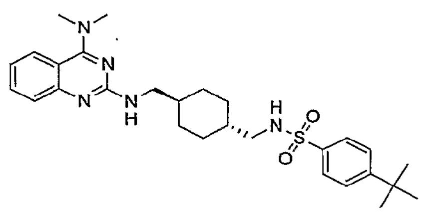
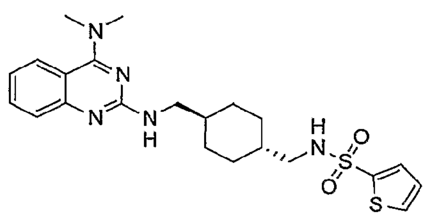
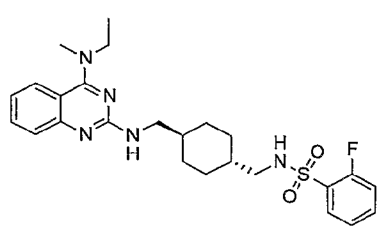
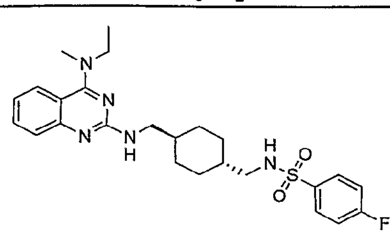
Example No.	Structure	ESI-MS	Retention Time (min)
2573	 CF_3CO_2H	570.6 (M + H)	5.23
2574	 CF_3CO_2H	805.4 (M + H)	4.91
2575	 $2CF_3CO_2H$	730.8 (M + H)	4.47
2576	 CF_3CO_2H	771.6 (M + H)	4.93
2577	 CF_3CO_2H	745.6 (M + H)	5.01
2578	 CF_3CO_2H	580.8 (M + H)	5.18

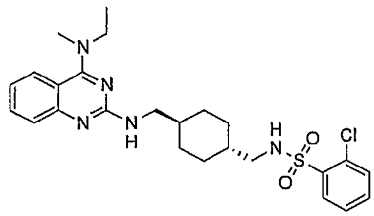
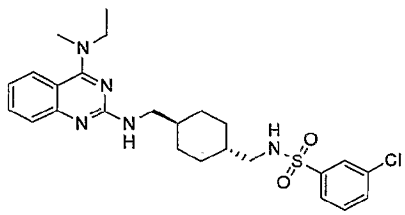
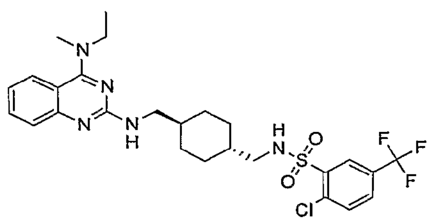
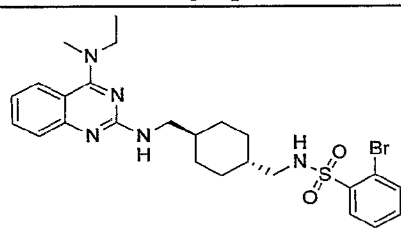
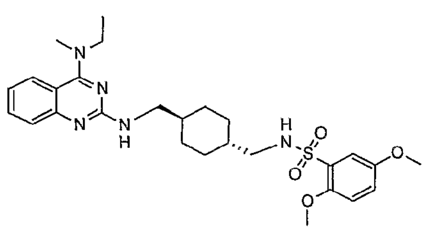
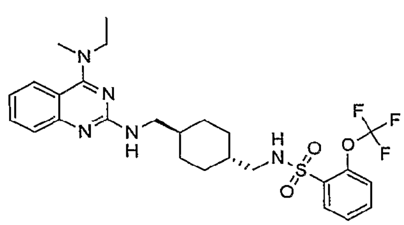
Example No.	Structure	ESI-MS	Retention Time (min)
2579	 $2CF_3CO_2H$	621.8 (M + H)	5.27
2580	 CF_3CO_2H	587.6 (M + H)	4.51
2581	 $2CF_3CO_2H$	584.6 (M + H)	4.21
2582	 CF_3CO_2H	582.8 (M + H)	5.03
2583	 CF_3CO_2H	653.8 (M + H)	4.90
2584	 CF_3CO_2H	604.6 (M + H)	5.33

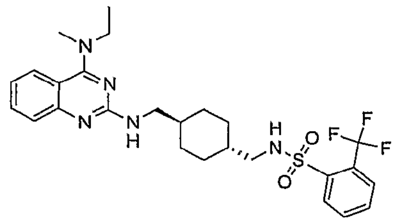
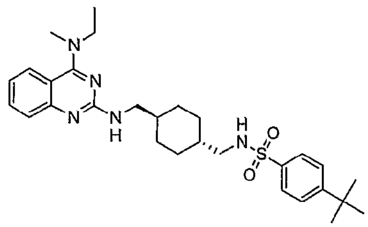
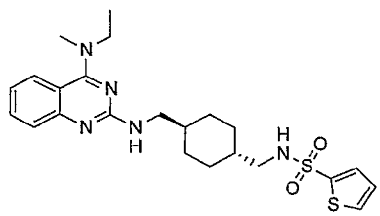
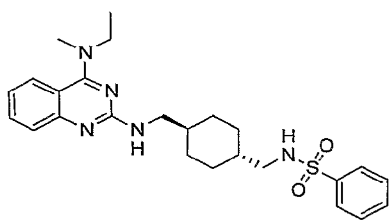
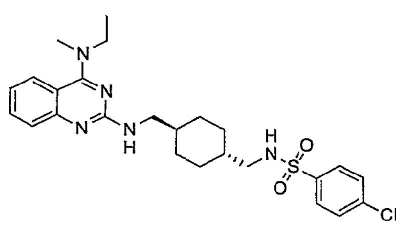
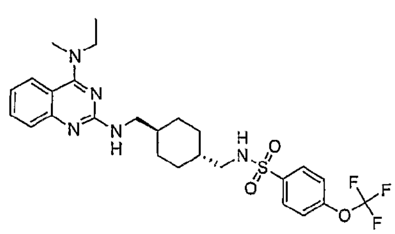
Example No.	Structure	ESI-MS	Retention Time (min)
2585	 2CF$_3$CO$_2$H	645.6 (M + H)	5.41
2586	 CF$_3$CO$_2$H	458.6 (M + H)	4.39
2587	 CF$_3$CO$_2$H	458.6 (M + H)	4.40
2588	 CF$_3$CO$_2$H	474.6 (M + H)	4.39
2589	 CF$_3$CO$_2$H	474.6 (M + H)	4.58
2590	 CF$_3$CO$_2$H	542.6 (M + H)	4.79

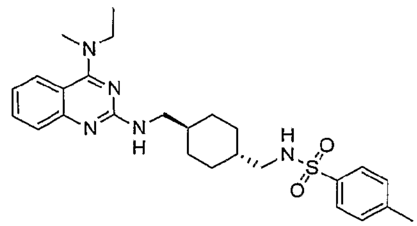
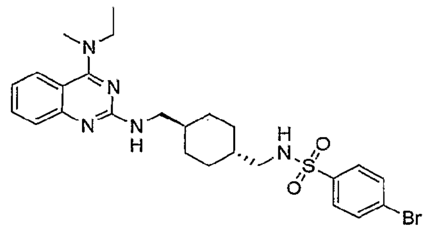
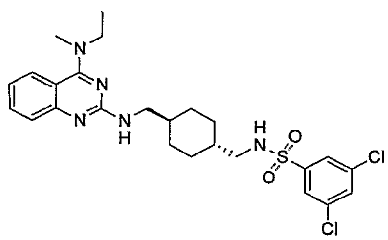
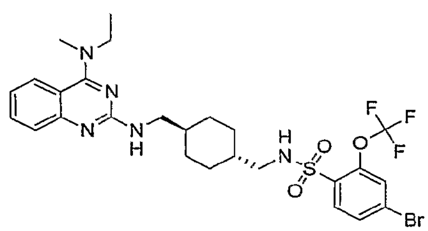
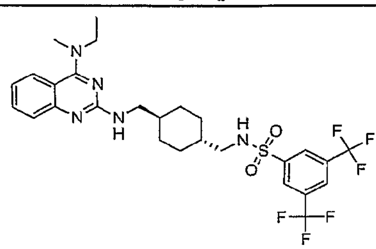
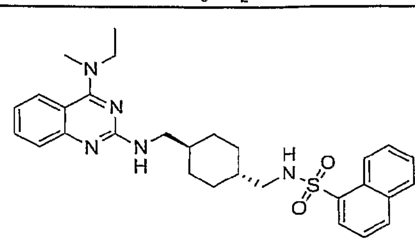
Example No.	Structure	ESI-MS	Retention Time (min)
2591	 CF$_3$CO$_2$H	518.6 (M + H)	4.51
2592	 CF$_3$CO$_2$H	500.8 (M + H)	4.33
2593	 CF$_3$CO$_2$H	524.6 (M + H)	4.61
2594	 CF$_3$CO$_2$H	508.6 (M + H)	4.57
2595	 CF$_3$CO$_2$H	496.8 (M + H)	4.87
2596	 CF$_3$CO$_2$H	446.8 (M + H)	4.29

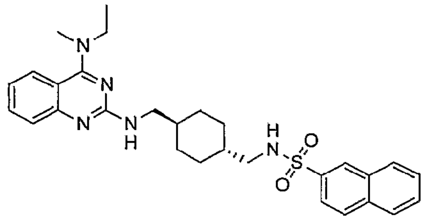
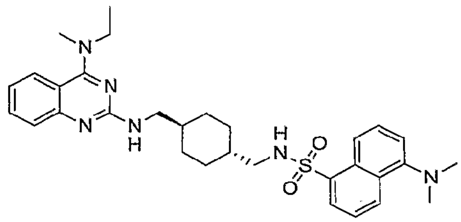
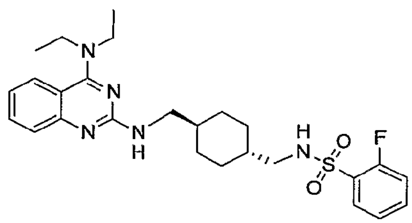
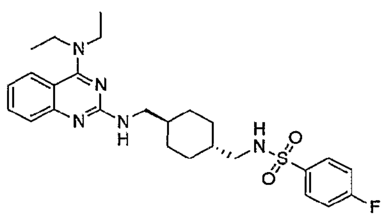
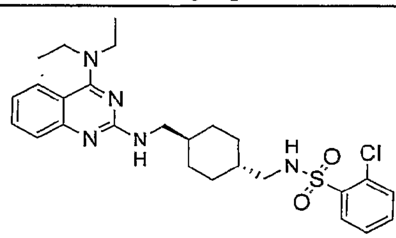
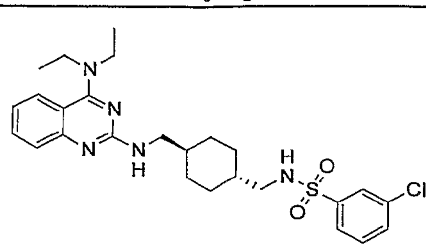
Example No.	Structure	ESI-MS	Retention Time (min)
2597	 CF_3CO_2H	472.8 (M + H)	4.47
2598	 CF_3CO_2H	472.8 (M + H)	4.53
2599	 CF_3CO_2H	488.6 (M + H)	4.55
2600	 CF_3CO_2H	487.6 (M + H)	4.65
2601	 CF_3CO_2H	556.6 (M + H)	4.91
2602	 CF_3CO_2H	532.4 (M + H)	4.61

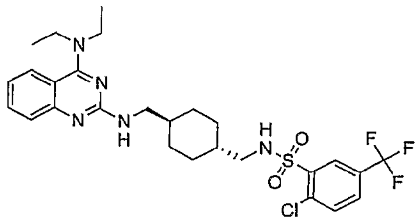
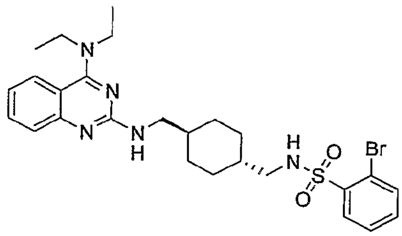
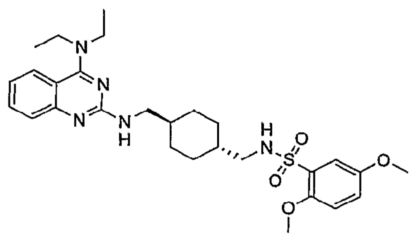
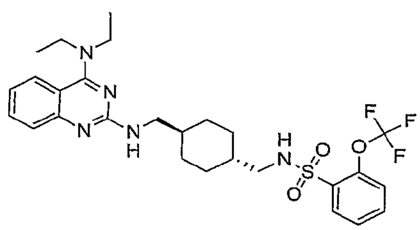
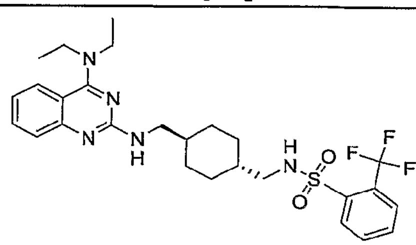
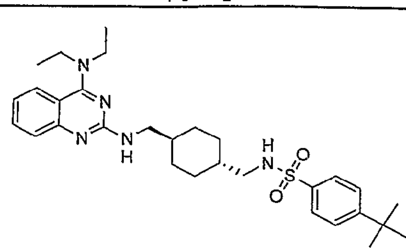
Example No.	Structure	ESI-MS	Retention Time (min)
2603	 CF_3CO_2H	514.8 (M + H)	4.43
2604	 CF_3CO_2H	538.6 (M + H)	4.80
2605	 CF_3CO_2H	510.6 (M + H)	5.00
2606	 CF_3CO_2H	460.6 (M + H)	4.40
2607	 CF_3CO_2H	486.6 (M + H)	4.60
2608	 CF_3CO_2H	484.6 (M + H)	4.64

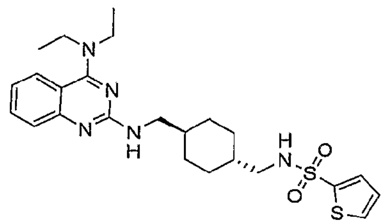
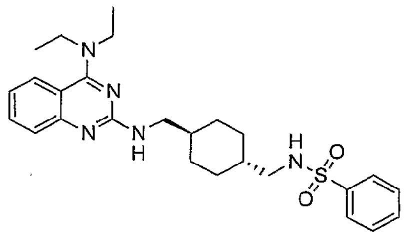
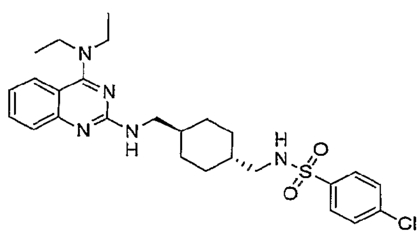
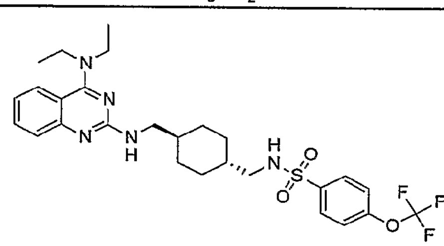
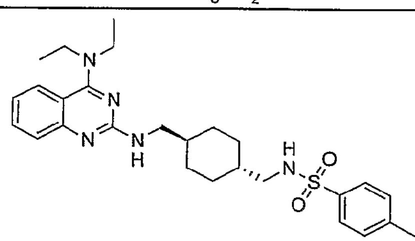
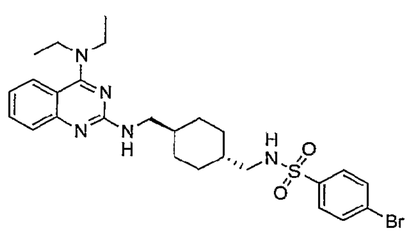
Example No.	Structure	ESI-MS	Retention Time (min)
2609	 CF_3CO_2H	503.6 (M + H)	4.74
2610	 CF_3CO_2H	502.6 (M + H)	4.86
2611	 CF_3CO_2H	570.8 (M + H)	5.00
2612	 CF_3CO_2H	546.0 (M + H)	4.80
2613	 CF_3CO_2H	528.8 (M + H)	4.63
2614	 CF_3CO_2H	552.8 (M + H)	4.90

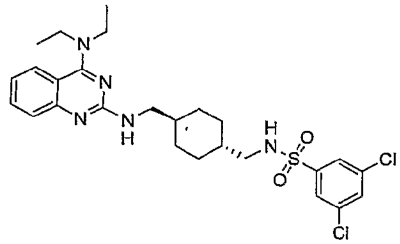
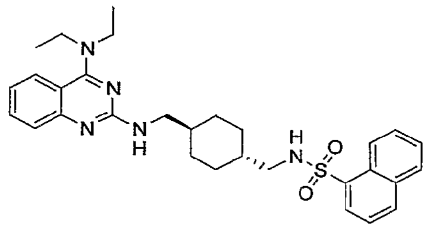
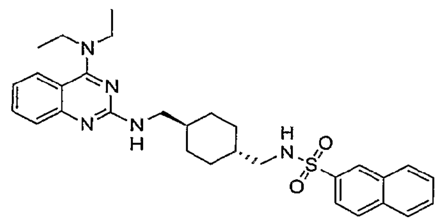
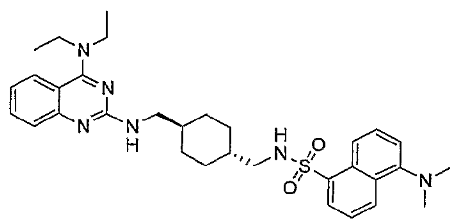
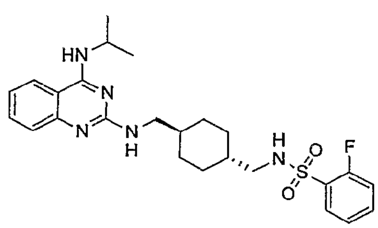
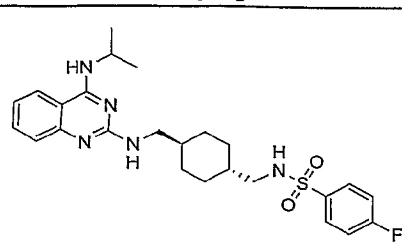
Example No.	Structure	ESI-MS	Retention Time (min)
2615	 CF_3CO_2H	536.6 (M + H)	4.82
2616	 CF_3CO_2H	524.8 (M + H)	5.07
2617	 CF_3CO_2H	474.6 (M + H)	4.55
2618	 CF_3CO_2H	468.4 (M + H)	4.59
2619	 CF_3CO_2H	502.6 (M + H)	4.81
2620	 CF_3CO_2H	552.8 (M + H)	4.94

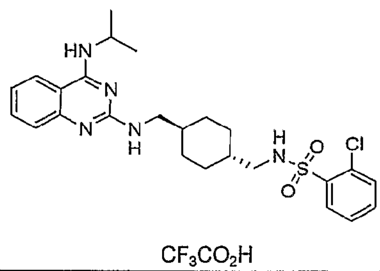
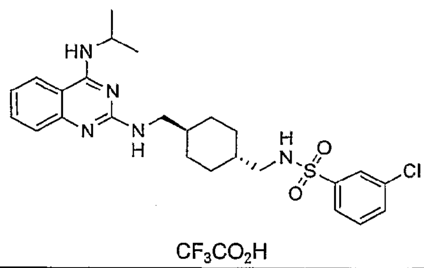
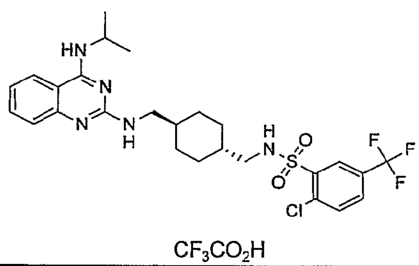
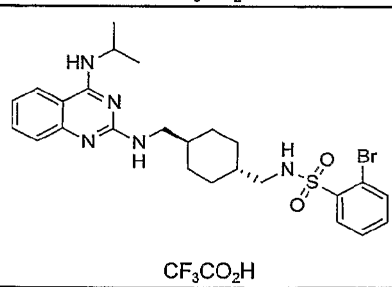
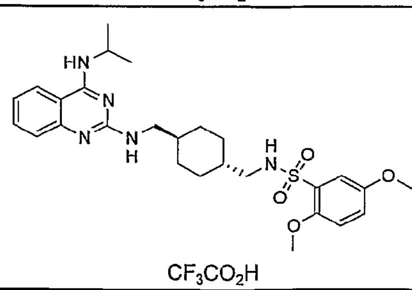
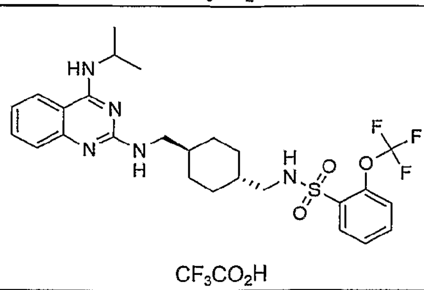
Example No.	Structure	ESI-MS	Retention Time (min)
2621	 CF_3CO_2H	482.6 (M + H)	4.73
2622	 CF_3CO_2H	546.6 (M + H)	4.85
2623	 CF_3CO_2H	536.4 (M + H)	5.08
2624	 CF_3CO_2H	630.4 (M + H)	5.11
2625	 CF_3CO_2H	604.6 (M + H)	5.16
2626	 CF_3CO_2H	518.6 (M + H)	4.75

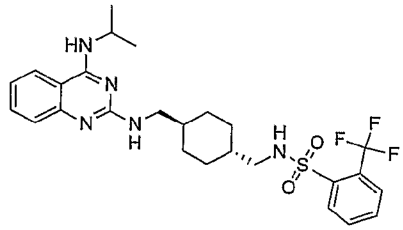
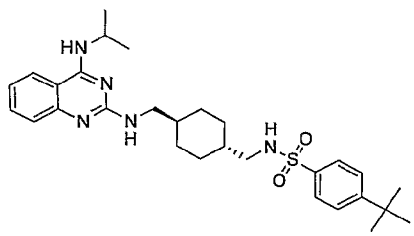
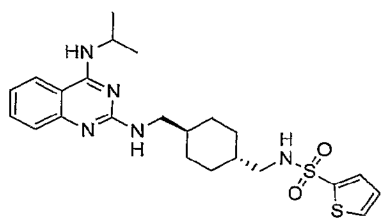
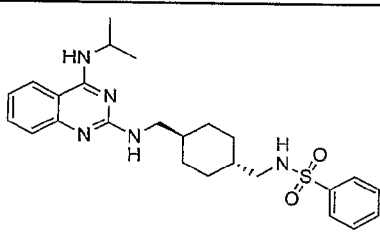
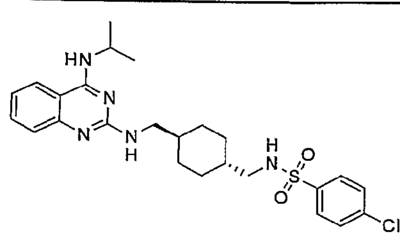
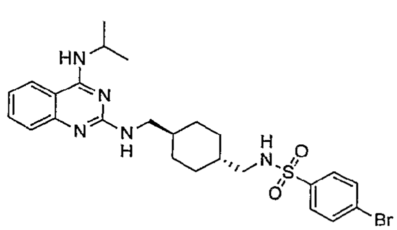
Example No.	Structure	ESI-MS	Retention Time (min)
2627	 CF_3CO_2H	518.6 (M + H)	4.91
2628	 $2CF_3CO_2H$	561.6 (M + H)	4.61
2629	 CF_3CO_2H	500.8 (M + H)	4.75
2630	 CF_3CO_2H	500.2 (M + H)	4.85
2631	 CF_3CO_2H	516.6 (M + H)	4.81
2632	 CF_3CO_2H	516.6 (M + H)	4.95

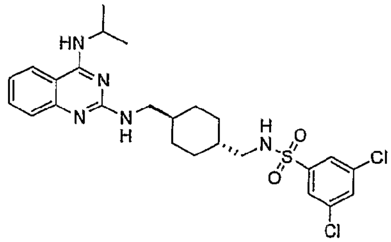
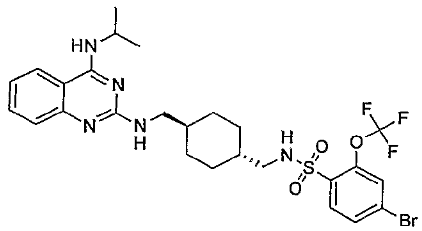
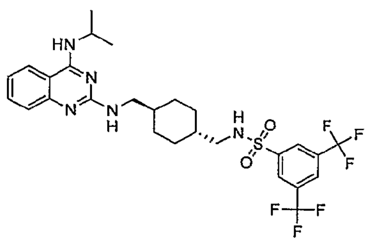
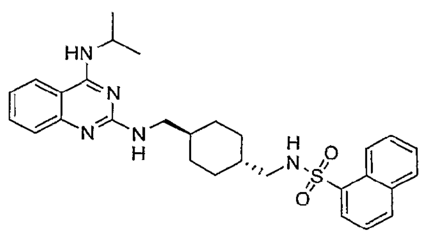
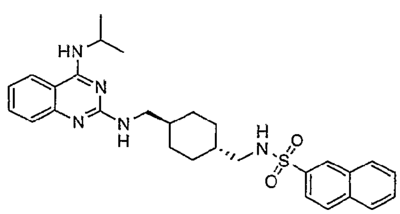
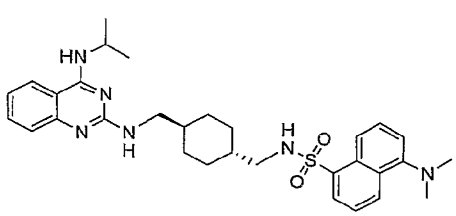
Example No.	Structure	ESI-MS	Retention Time (min)
2633	 CF_3CO_2H	584.6 (M + H)	5.18
2634	 CF_3CO_2H	560.6 (M + H)	4.87
2635	 CF_3CO_2H	542.8 (M + H)	4.80
2636	 CF_3CO_2H	566.6 (M + H)	5.01
2637	 CF_3CO_2H	550.8 (M + H)	4.95
2638	 CF_3CO_2H	538.6 (M + H)	5.20

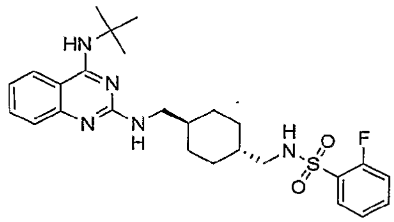
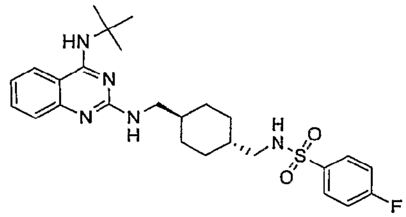
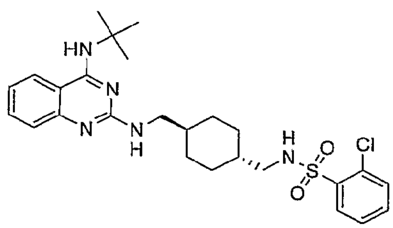
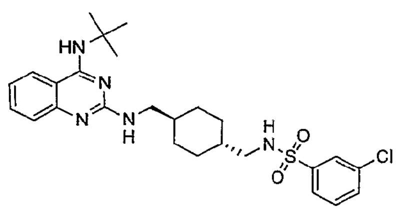
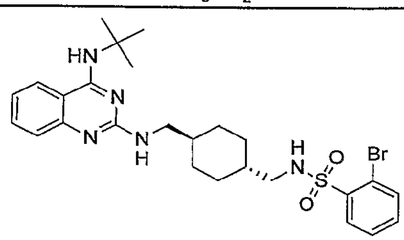
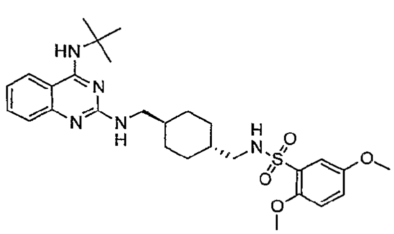
Example No.	Structure	ESI-MS	Retention Time (min)
2639	 CF$_3$CO$_2$H	488.6 (M + H)	4.65
2640	 CF$_3$CO$_2$H	482.6 (M + H)	4.73
2641	 CF$_3$CO$_2$H	516.8 (M + H)	4.97
2642	 CF$_3$CO$_2$H	566.6 (M + H)	5.12
2643	 CF$_3$CO$_2$H	496.8 (M + H)	4.89
2644	 CF$_3$CO$_2$H	560.0 (M + H)	4.98

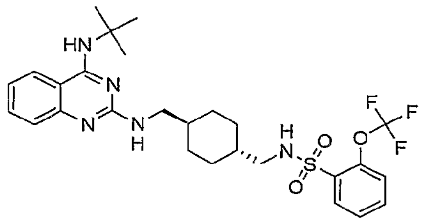
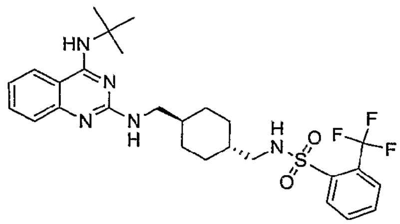
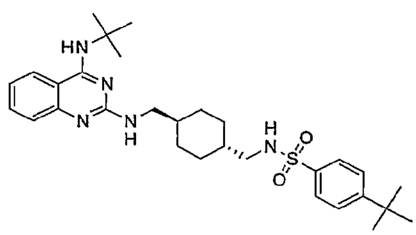
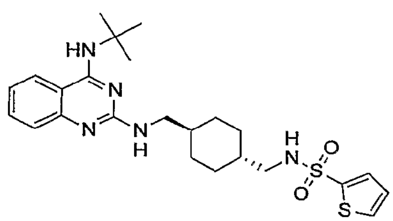
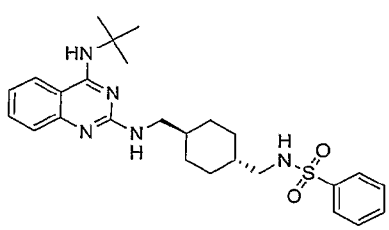
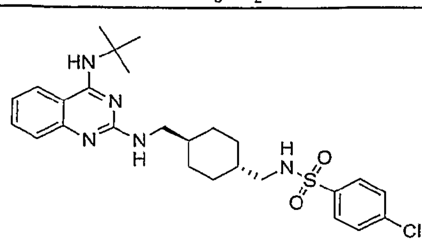
Example No.	Structure	ESI-MS	Retention Time (min)
2645	 CF$_3$CO$_2$H	550.6 (M + H)	5.21
2646	 CF$_3$CO$_2$H	532.6 (M + H)	4.99
2647	 CF$_3$CO$_2$H	532.6 (M + H)	5.03
2648	 2CF$_3$CO$_2$H	575.8 (M + H)	4.80
2649	 CF$_3$CO$_2$H	486.6 (M + H)	4.64
2650	 CF$_3$CO$_2$H	486.6 (M + H)	4.66

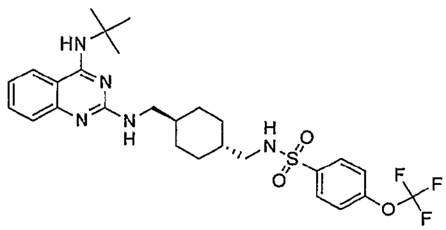
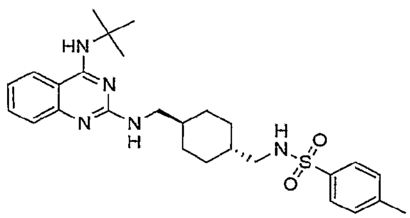
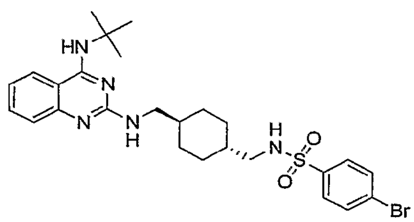
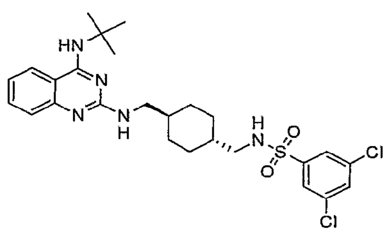
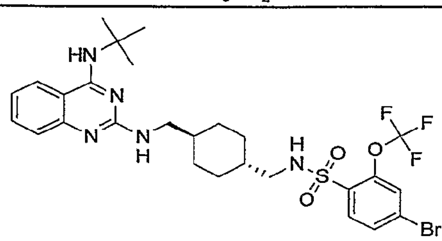
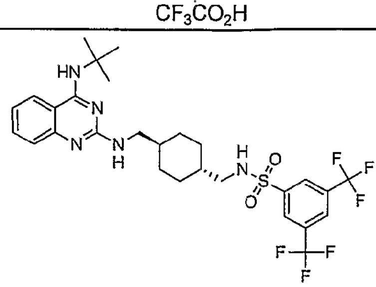
Example No.	Structure	ESI-MS	Retention Time (min)
2651		502.6 (M + H)	4.72
2652		502.6 (M + H)	4.87
2653		570.6 (M + H)	5.03
2654		546.6 (M + H)	4.77
2655		528.8 (M + H)	4.68
2656		552.8 (M + H)	4.89

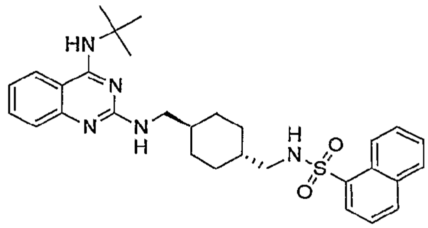
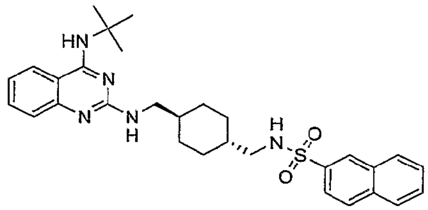
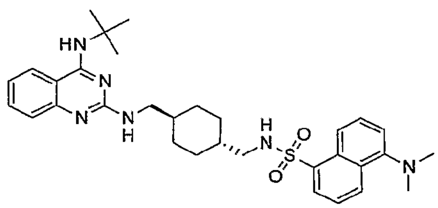
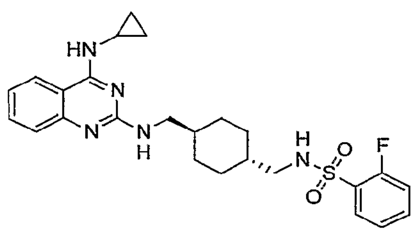
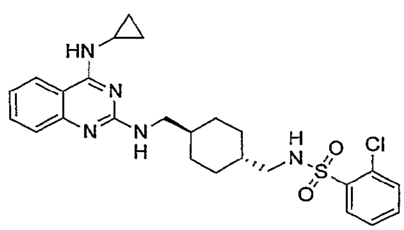
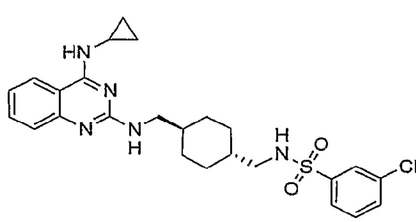
Example No.	Structure	ESI-MS	Retention Time (min)
2657	 CF_3CO_2H	536.6 (M + H)	4.85
2658	 CF_3CO_2H	524.8 (M + H)	5.15
2659	 CF_3CO_2H	474.8 (M + H)	4.63
2660	 CF_3CO_2H	468.4 (M + H)	4.61
2661	 CF_3CO_2H	502.6 (M + H)	4.86
2662	 CF_3CO_2H	546.6 (M + H)	4.64

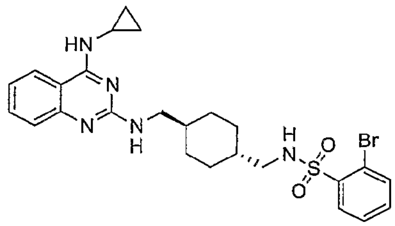
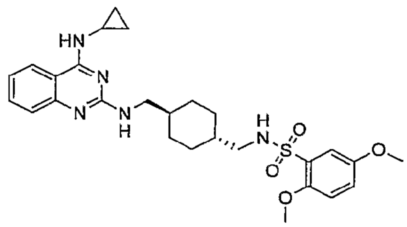
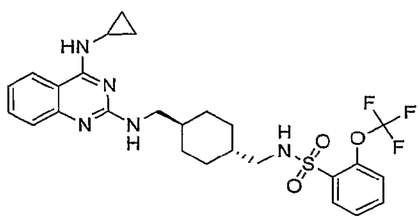
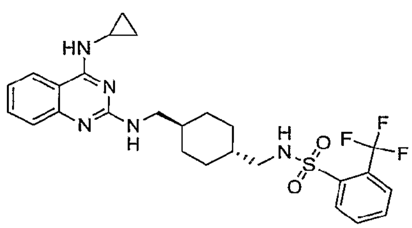
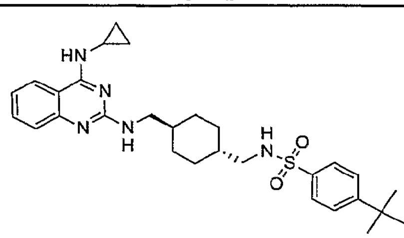
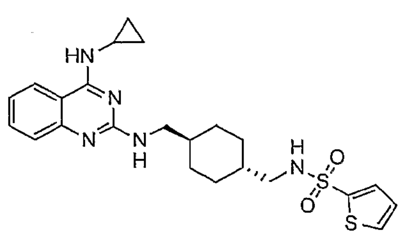
Example No.	Structure	ESI-MS	Retention Time (min)
2663	 CF_3CO_2H	536.4 (M + H)	4.81
2664	 CF_3CO_2H	630.4 (M + H)	4.85
2665	 CF_3CO_2H	604.6 (M + H)	4.87
2666	 CF_3CO_2H	518.6 (M + H)	4.67
2667	 CF_3CO_2H	518.6 (M + H)	4.90
2668	 $2CF_3CO_2H$	561.6 (M + H)	4.64

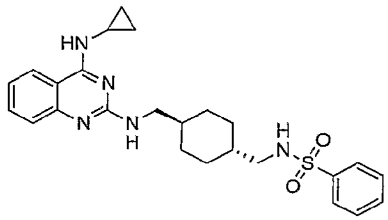
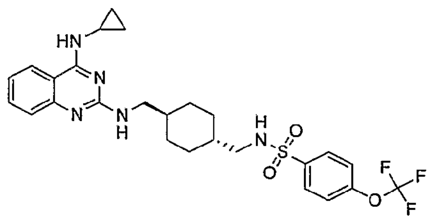
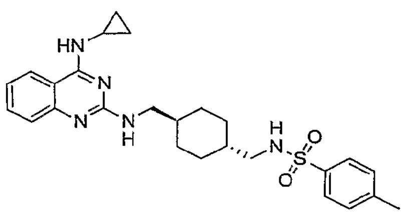
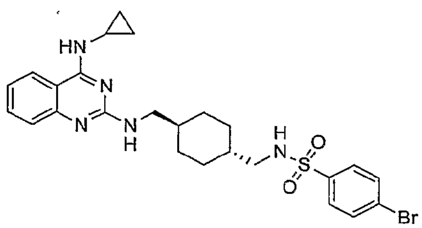
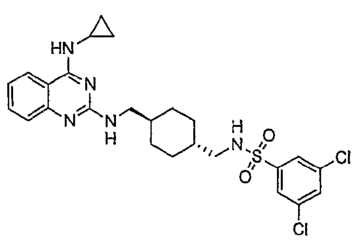
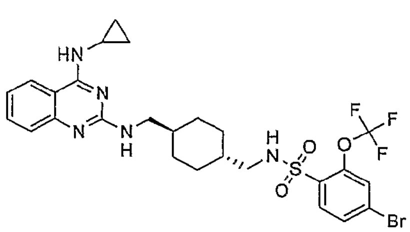
Example No.	Structure	ESI-MS	Retention Time (min)
2669	 CF_3CO_2H	500.8 (M + H)	4.73
2670	 CF_3CO_2H	500.8 (M + H)	4.74
2671	 CF_3CO_2H	516.6 (M + H)	4.89
2672	 CF_3CO_2H	516.6 (M + H)	4.93
2673	 CF_3CO_2H	560.0 (M + H)	4.89
2674	 CF_3CO_2H	542.8 (M + H)	4.76

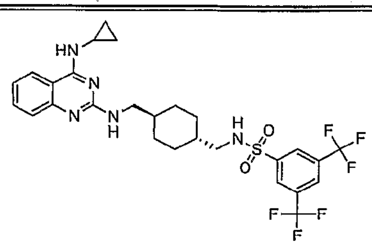
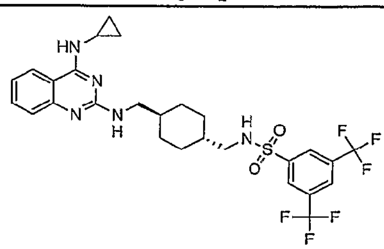
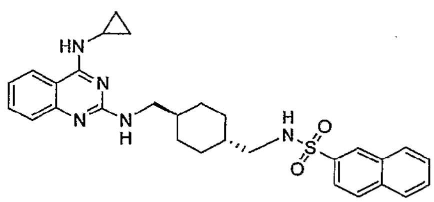
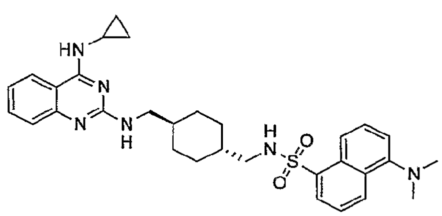
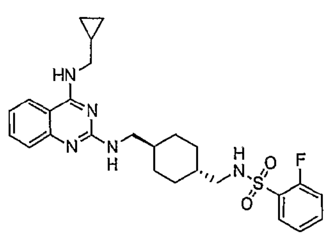
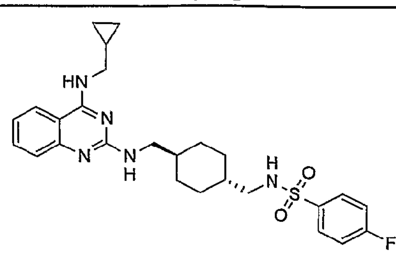
Example No.	Structure	ESI-MS	Retention Time (min)
2675	 CF_3CO_2H	566.6 (M + H)	5.03
2676	 CF_3CO_2H	550.8 (M + H)	4.96
2677	 CF_3CO_2H	538.8 (M + H)	5.25
2678	 CF_3CO_2H	488.6 (M + H)	4.67
2679	 CF_3CO_2H	482.4 (M + H)	4.71
2680	 CF_3CO_2H	516.6 (M + H)	4.95

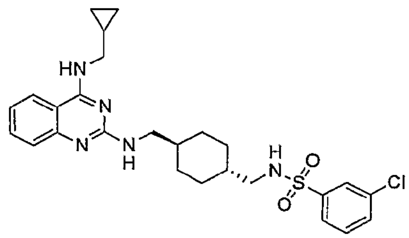
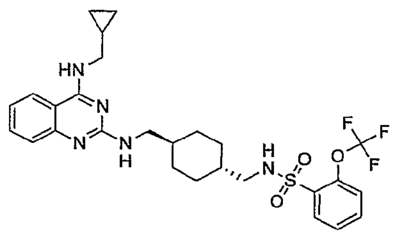
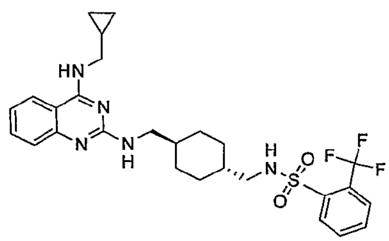
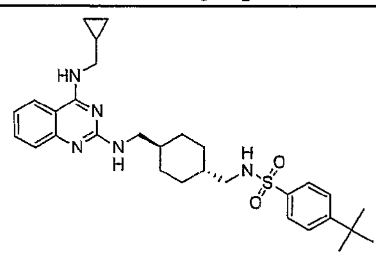
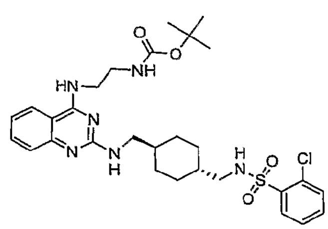
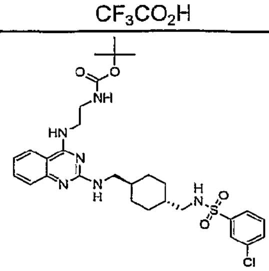
Example No.	Structure	ESI-MS	Retention Time (min)
2681	 CF_3CO_2H	566.8 (M + H)	5.07
2682	 CF_3CO_2H	496.8 (M + H)	4.83
2683	 CF_3CO_2H	560.6 (M + H)	5.01
2684	 CF_3CO_2H	550.6 (M + H)	5.07
2685	 CF_3CO_2H	644.6 (M + H)	5.29
2686	 CF_3CO_2H	618.6 (M + H)	5.25

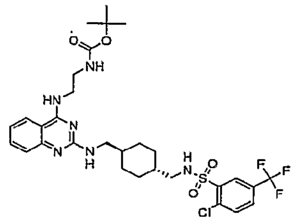
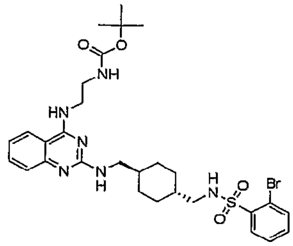
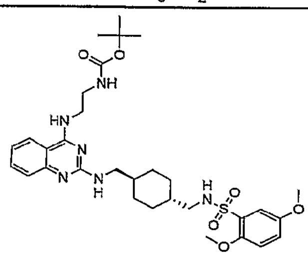
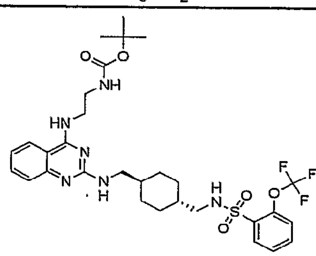
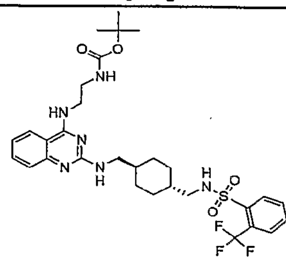
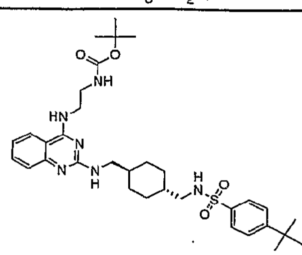
Example No.	Structure	ESI-MS	Retention Time (min)
2687	 CF_3CO_2H	532.6 (M + H)	5.01
2688	 CF_3CO_2H	532.6 (M + H)	5.04
2689	 $2CF_3CO_2H$	575.8 (M + H)	4.75
2690	 CF_3CO_2H	484.6 (M + H)	4.51
2691	 CF_3CO_2H	500.8 (M + H)	4.59
2692	 CF_3CO_2H	500.8 (M + H)	4.71

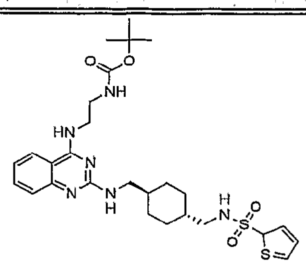
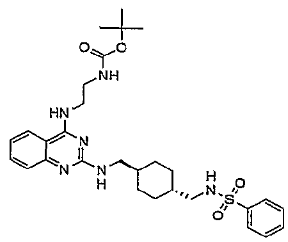
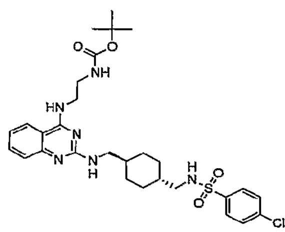
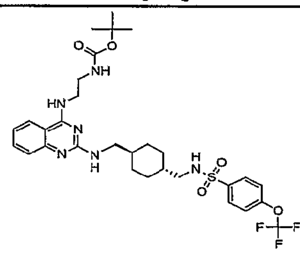
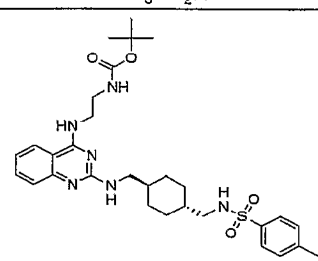
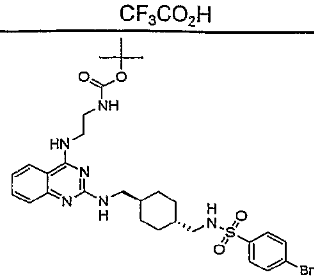
Example No.	Structure	ESI-MS	Retention Time (min)
2693	 CF_3CO_2H	544.6 (M + H)	4.63
2694	 CF_3CO_2H	526.8 (M + H)	4.55
2695	 CF_3CO_2H	550.6 (M + H)	4.79
2696	 CF_3CO_2H	534.6 (M + H)	4.69
2697	 CF_3CO_2H	522.4 (M + H)	5.03
2698	 CF_3CO_2H	472.8 (M + H)	4.43

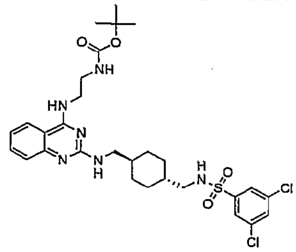
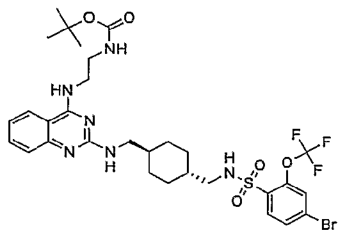
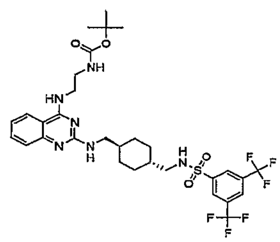
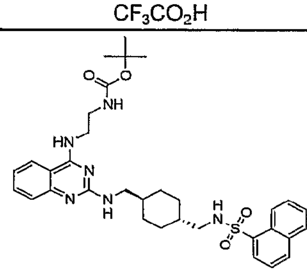
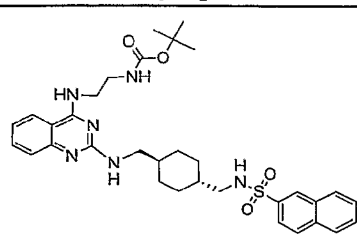
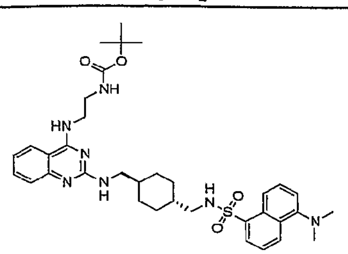
Example No.	Structure	ESI-MS	Retention Time (min)
2699	 CF$_3$CO$_2$H	466.6 (M + H)	4.50
2700	 CF$_3$CO$_2$H	550.6 (M + H)	4.87
2701	 CF$_3$CO$_2$H	480.6 (M + H)	4.65
2702	 CF$_3$CO$_2$H	544.6 (M + H)	4.75
2703	 CF$_3$CO$_2$H	534.6 (M + H)	4.90
2704	 CF$_3$CO$_2$H	628.6 (M + H)	5.08

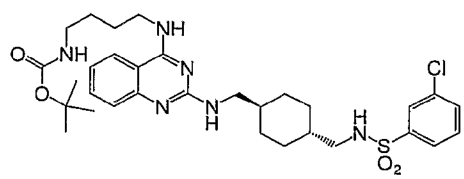
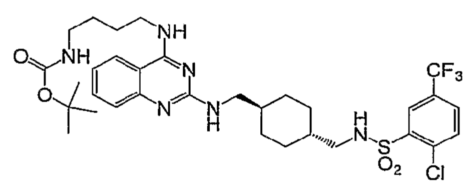
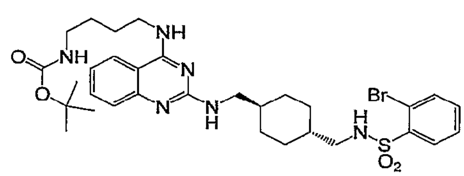
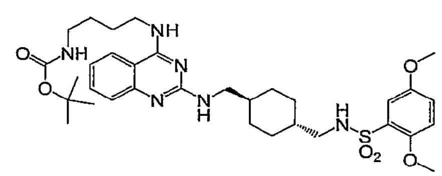
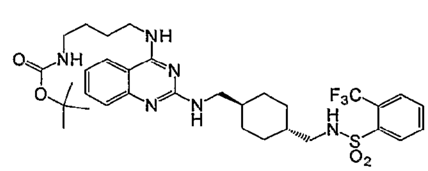
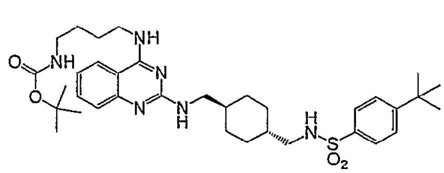
Example No.	Structure	ESI-MS	Retention Time (min)
2705	 CF_3CO_2H	602.6 (M + H)	5.10
2706	 CF_3CO_2H	516.8 (M + H)	4.71
2707	 CF_3CO_2H	516.8 (M + H)	4.81
2708	 $2CF_3CO_2H$	559.6 (M + H)	4.50
2709	 CF_3CO_2H	498.8 (M + H)	4.64
2710	 CF_3CO_2H	498.8 (M + H)	4.73

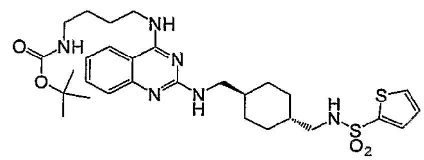
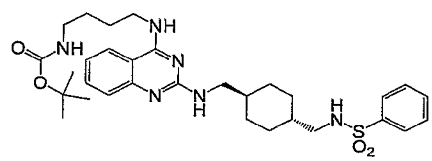
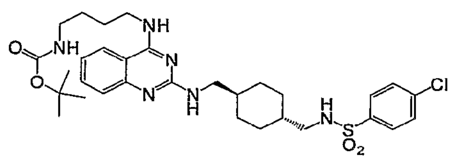
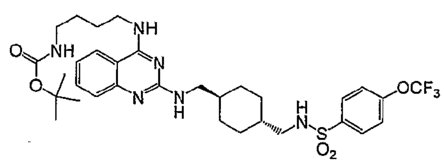
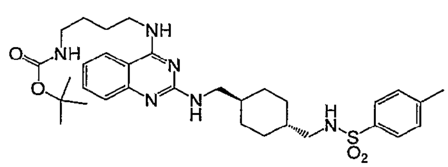
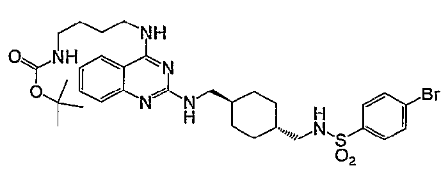
Example No.	Structure	ESI-MS	Retention Time (min)
2711	 CF$_3$CO$_2$H	514.8 (M + H)	4.87
2712	 CF$_3$CO$_2$H	564.6 (M + H)	4.93
2713	 CF$_3$CO$_2$H	548.6 (M + H)	4.87
2714	 CF$_3$CO$_2$H	536.6 (M + H)	5.19
2715	 CF$_3$CO$_2$H	603.8 (M + H)	4.76
2716	 CF$_3$CO$_2$H	603.4 (M + H)	4.87

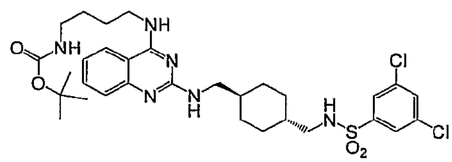
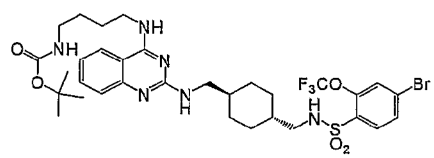
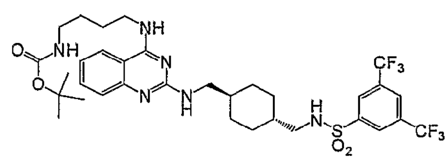
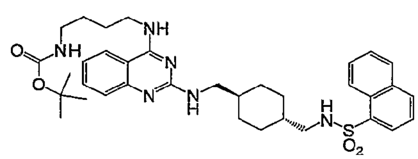
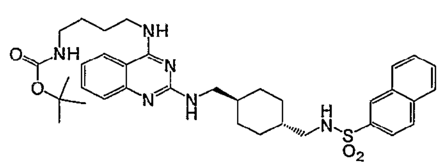
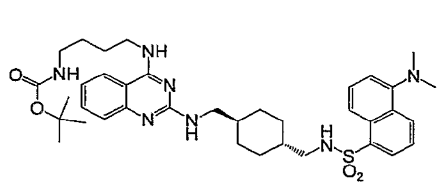
Example No.	Structure	ESI-MS	Retention Time (min)
2717	 CF$_3$CO$_2$H	671.6 (M + H)	5.05
2718	 CF$_3$CO$_2$H	647.6 (M + H)	4.79
2719	 CF$_3$CO$_2$H	629.8 (M + H)	4.67
2720	 CF$_3$CO$_2$H	653.8 (M + H)	4.91
2721	 CF$_3$CO$_2$H	637.8 (M + H)	4.85
2722	 CF$_3$CO$_2$H	625.8 (M + H)	5.14

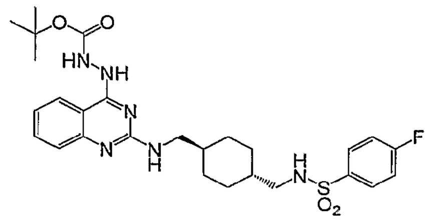
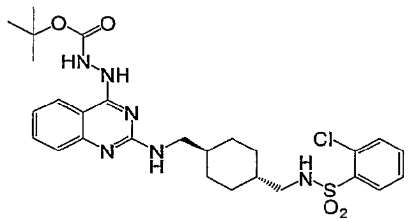
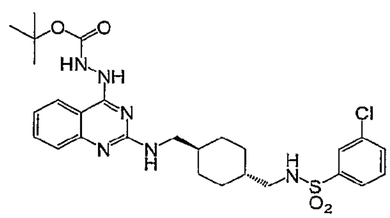
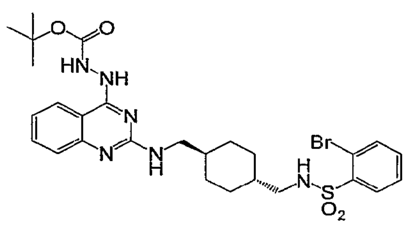
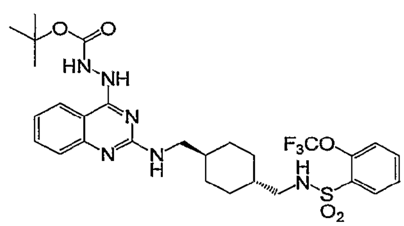
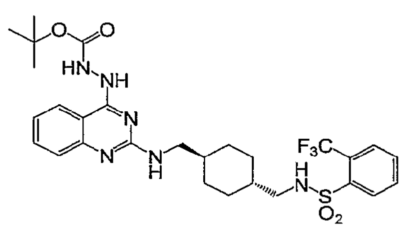
Example No.	Structure	ESI-MS	Retention Time (min)
2723	 CF_3CO_2H	575.6 (M + H)	4.63
2724	 CF_3CO_2H	569.8 (M + H)	4.66
2725	 CF_3CO_2H	603.8 (M + H)	4.88
2726	 CF_3CO_2H	653.8 (M + H)	5.01
2727	 CF_3CO_2H	583.8 (M + H)	4.77
2728	 CF_3CO_2H	647 (M + H)	4.92

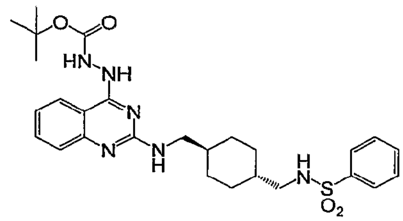
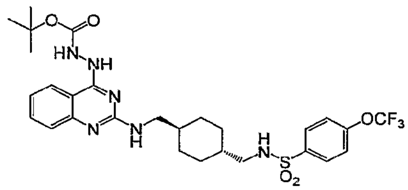
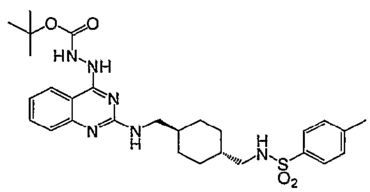
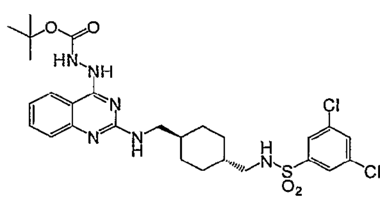
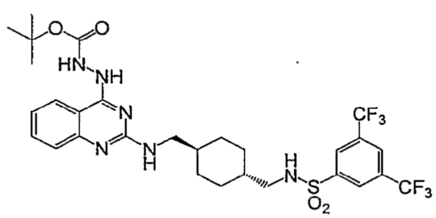
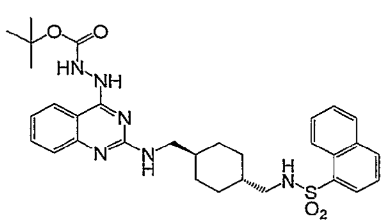
Example No.	Structure	ESI-MS	Retention Time (min)
2729	 CF$_3$CO$_2$H	637.8 (M + H)	5.13
2730	 CF$_3$CO$_2$H	731.6 (M + H)	5.19
2731	 CF$_3$CO$_2$H	705.8 (M + H)	5.22
2732	 CF$_3$CO$_2$H	619.8 (M + H)	4.91
2733	 CF$_3$CO$_2$H	619.8 (M + H)	4.93
2734	 2CF$_3$CO$_2$H	663.0 (M + H)	4.67

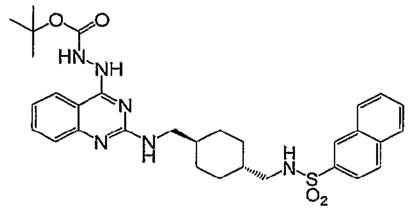
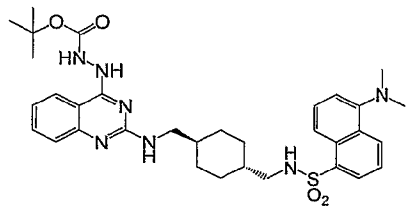
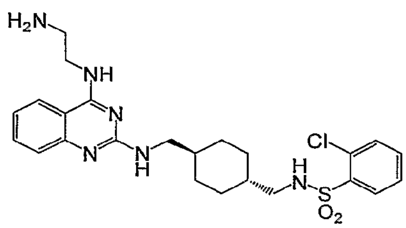
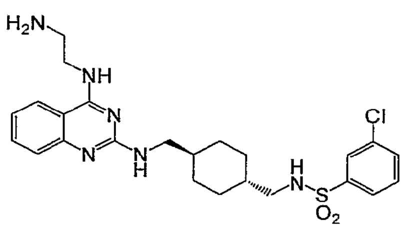
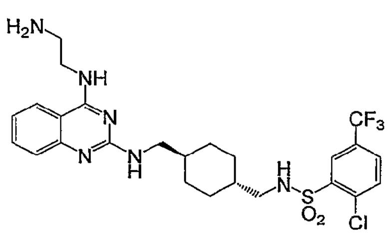
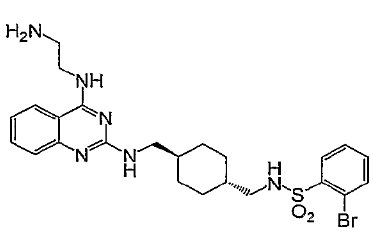
Example No.	Structure	ESI-MS	Retention Time (min)
2735	 CF$_3$CO$_2$H	631.8 (M + H)	5.01
2736	 CF$_3$CO$_2$H	699.0 (M + H)	5.19
2737	 CF$_3$CO$_2$H	675.8 (M + H)	4.95
2738	 CF$_3$CO$_2$H	657.8 (M + H)	4.81
2739	 CF$_3$CO$_2$H	665.8 (M + H)	4.97
2740	 CF$_3$CO$_2$H	653.8 (M + H)	5.27

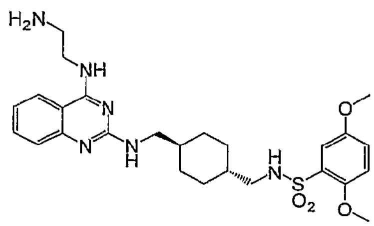
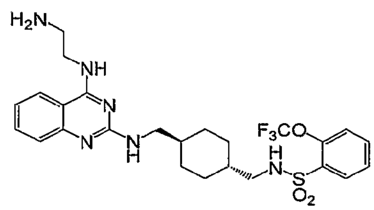
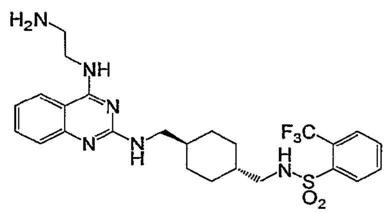
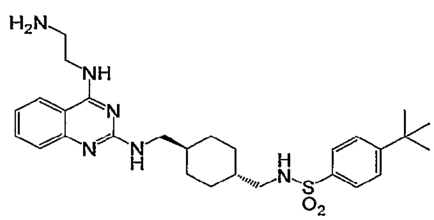
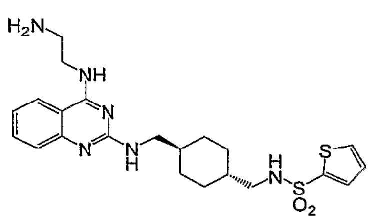
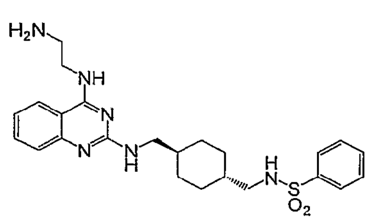
Example No.	Structure	ESI-MS	Retention Time (min)
2741	 CF$_3$CO$_2$H	603.4 (M + H)	4.77
2742	 CF$_3$CO$_2$H	597.8 (M + H)	4.79
2743	 CF$_3$CO$_2$H	631.8 (M + H)	5.02
2744	 CF$_3$CO$_2$H	681.8 (M + H)	5.14
2745	 CF$_3$CO$_2$H	611.8 (M + H)	4.93
2746	 CF$_3$CO$_2$H	675.0 (M + H)	5.05

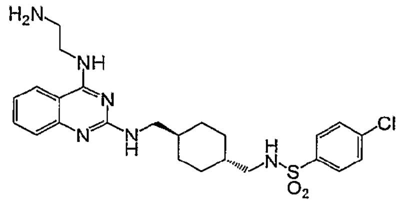
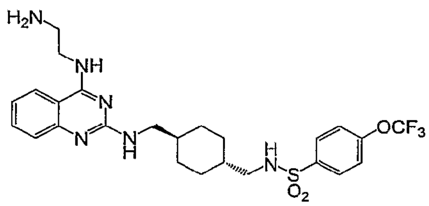
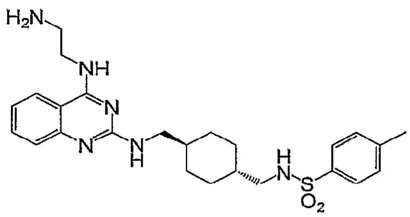
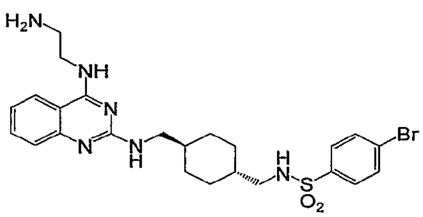
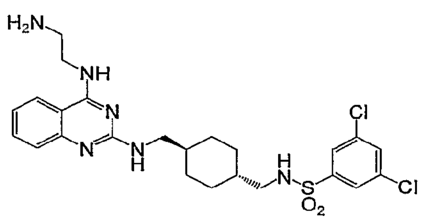
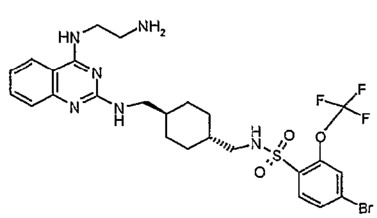
Example No.	Structure	ESI-MS	Retention Time (min)
2747	 CF_3CO_2H	665.8 (M + H)	5.29
2748	 CF_3CO_2H	759.6 (M + H)	5.31
2749	 CF_3CO_2H	733.8 (M + H)	5.36
2750	 CF_3CO_2H	647.8 (M + H)	5.05
2751	 CF_3CO_2H	647.8 (M + H)	5.08
2752	 $2CF_3CO_2H$	691.0 (M + H)	4.89

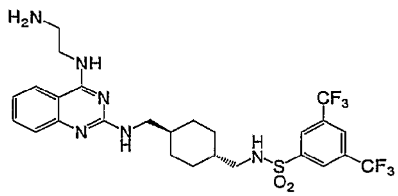
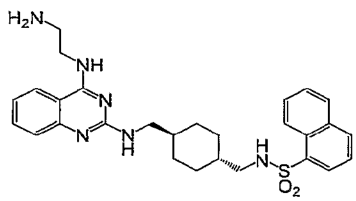
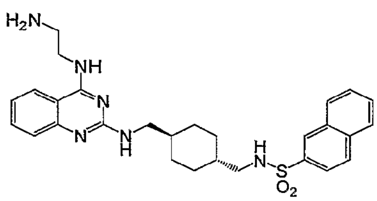
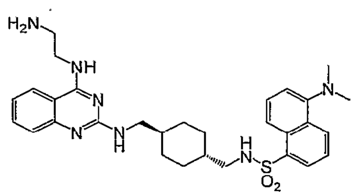
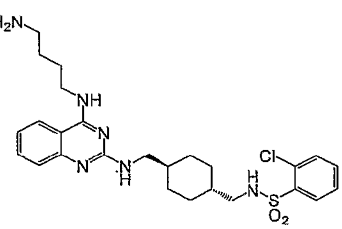
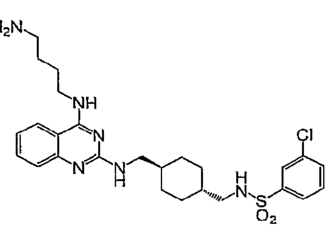
Example No.	Structure	ESI-MS	Retention Time (min)
2753	 CF_3CO_2H	559.6 (M + H)	4.51
2754	 CF_3CO_2H	575.6 (M + H)	4.57
2755	 CF_3CO_2H	575.6 (M + H)	4.69
2756	 CF_3CO_2H	619.6 (M + H)	4.63
2757	 CF_3CO_2H	625.8 (M + H)	4.72
2758	 CF_3CO_2H	609.8 (M + H)	4.67

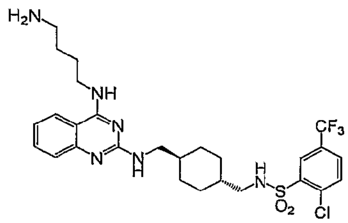
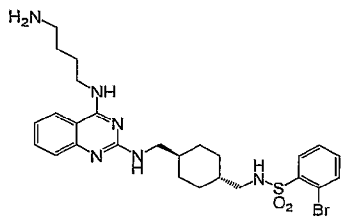
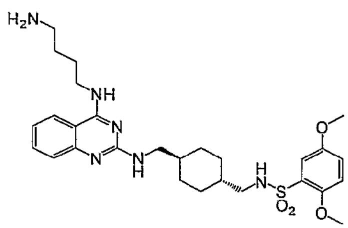
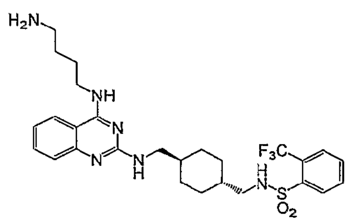
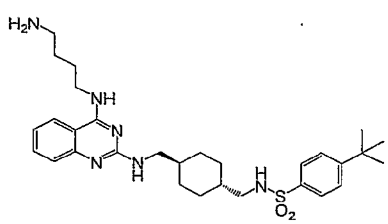
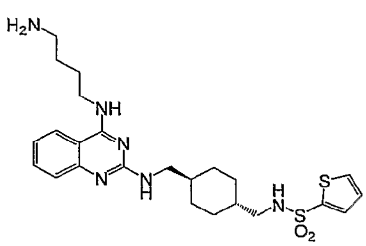
Example No.	Structure	ESI-MS	Retention Time (min)
2759	 CF_3CO_2H	541.8 (M + H)	4.45
2760	 CF_3CO_2H	625.8 (M + H)	4.38
2761	 CF_3CO_2H	555.8 (M + H)	4.57
2762	 CF_3CO_2H	609.8 (M + H)	4.94
2763	 CF_3CO_2H	677.8 (M + H)	5.05
2764	 CF_3CO_2H	591.6 (M + H)	4.73

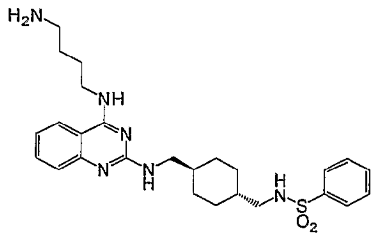
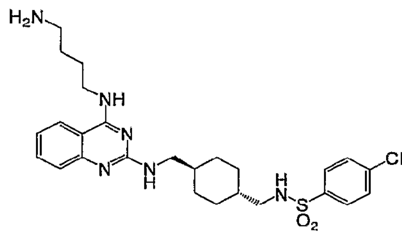
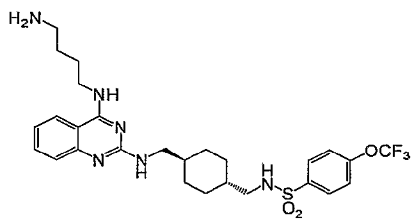
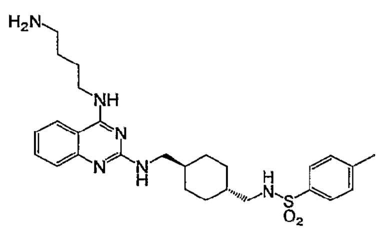
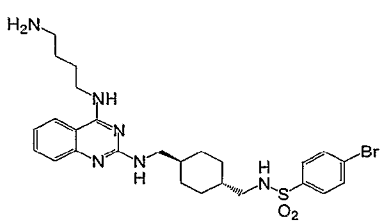
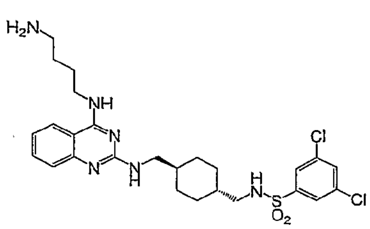
Example No.	Structure	ESI-MS	Retention Time (min)
2765	 CF_3CO_2H	591.6 (M + H)	4.75
2766	 $2CF_3CO_2H$	635.0 (M + H)	4.47
2767	 $2CF_3CO_2H$	503.6 (M + H)	3.83
2768	 $2CF_3CO_2H$	503.6 (M + H)	3.99
2769	 $2CF_3CO_2H$	571.6 (M + H)	4.16
2770	 $2CF_3CO_2H$	547.6 (M + H)	3.85

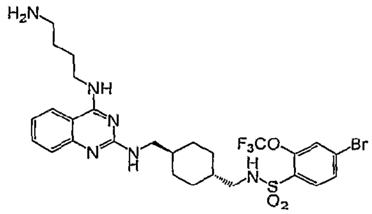
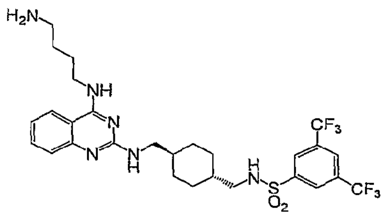
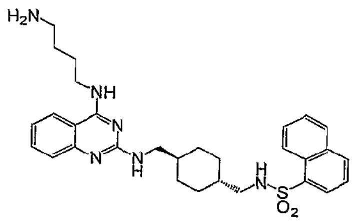
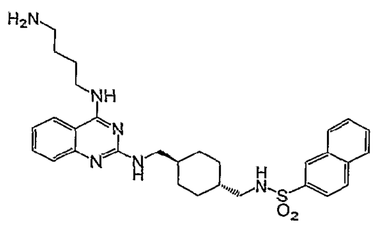
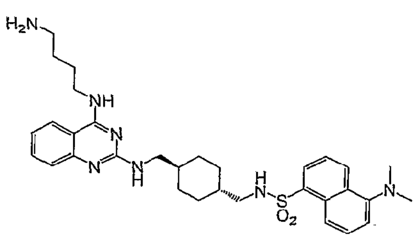
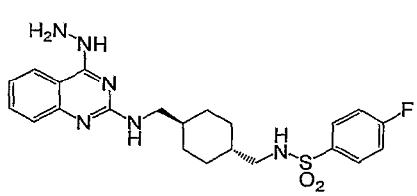
Example No.	Structure	ESI-MS	Retention Time (min)
2771	 2CF3CO2H	529.6 (M + H)	3.75
2772	 2CF3CO2H	553.8 (M + H)	3.99
2773	 2CF3CO2H	537.6 (M + H)	3.93
2774	 2CF3CO2H	525.8 (M + H)	4.22
2775	 2CF3CO2H	475.6 (M + H)	3.64
2776	 2CF3CO2H	469.6 (M + H)	3.71

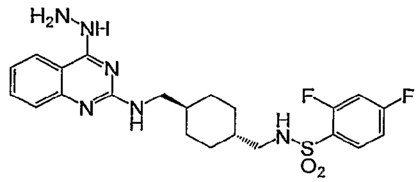
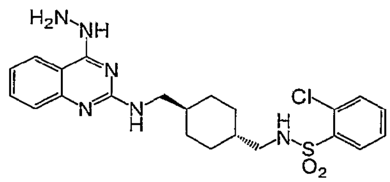
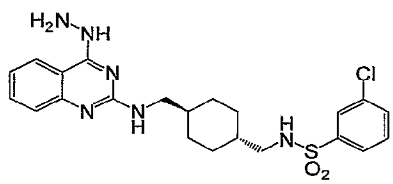
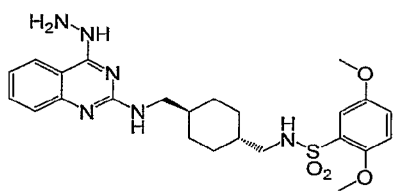
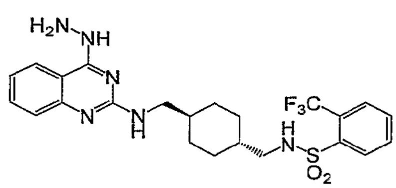
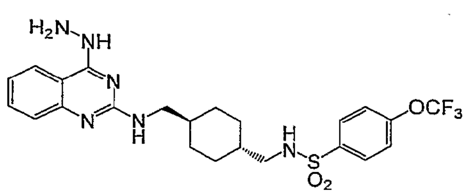
Example No.	Structure	ESI-MS	Retention Time (min)
2777	 $2CF_3CO_2H$	503.6 (M + H)	3.97
2778	 $2CF_3CO_2H$	553.8 (M + H)	4.17
2779	 $2CF_3CO_2H$	483.4 (M + H)	3.87
2780	 $2CF_3CO_2H$	547.6 (M + H)	4.04
2781	 $2CF_3CO_2H$	537.4 (M + H)	4.23
2782	 $2CF_3CO_2H$	631.6 (M + H)	4.23

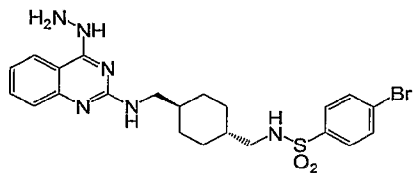
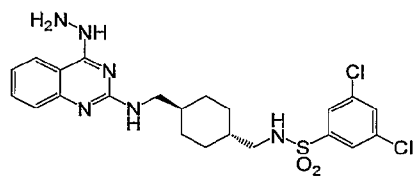
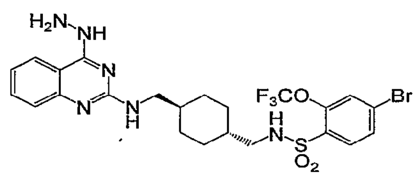
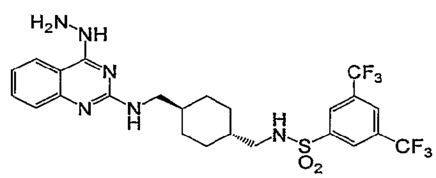
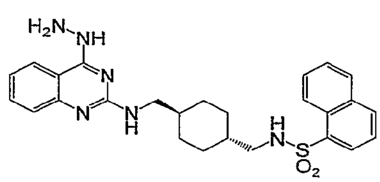
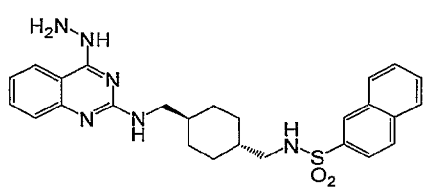
Example No.	Structure	ESI-MS	Retention Time (min)
2783	 $2CF_3CO_2H$	605.8 (M + H)	4.41
2784	 $2CF_3CO_2H$	519.6 (M + H)	4.01
2785	 $2CF_3CO_2H$	519.6 (M + H)	4.07
2786	 $3CF_3CO_2H$	562.6 (M + H)	3.77
2787	 $2CF_3CO_2H$	531.6 (M + H)	3.90
2788	 $2CF_3CO_2H$	531.6 (M + H)	4.04

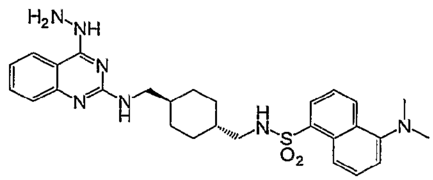
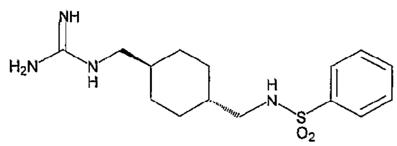
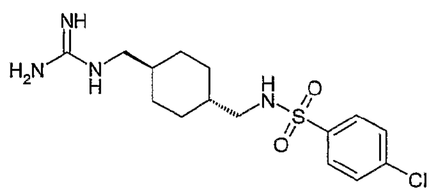
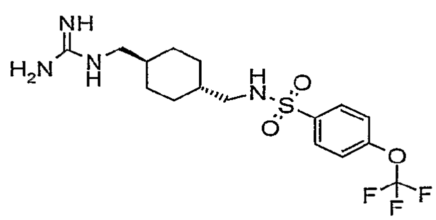
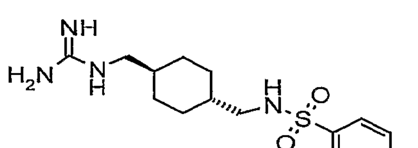
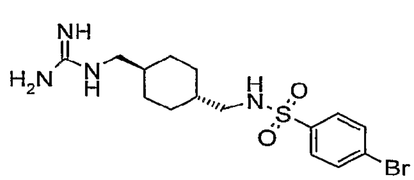
Example No.	Structure	ESI-MS	Retention Time (min)
2789	 2CF$_3$CO$_2$H	599.6 (M + H)	4.24
2790	 2CF$_3$CO$_2$H	575.0 (M + H)	3.95
2791	 2CF$_3$CO$_2$H	557.6 (M + H)	3.86
2792	 2CF$_3$CO$_2$H	565.6 (M + H)	4.03
2793	 2CF$_3$CO$_2$H	554 (M + H)	4.29
2794	 2CF$_3$CO$_2$H	503.6 (M + H)	3.78

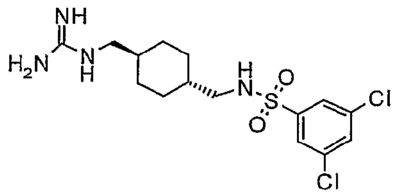
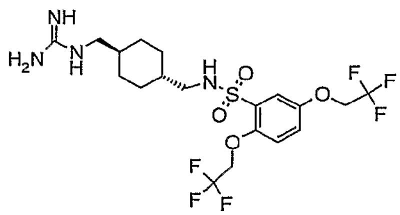
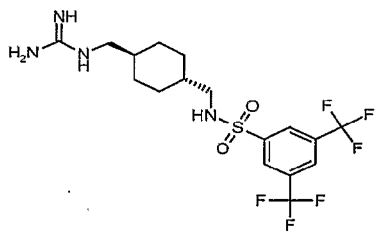
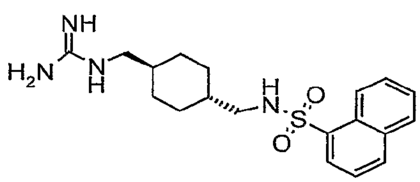
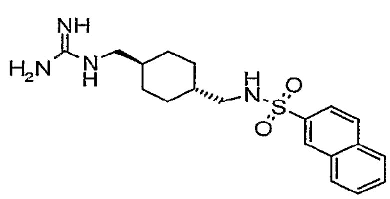
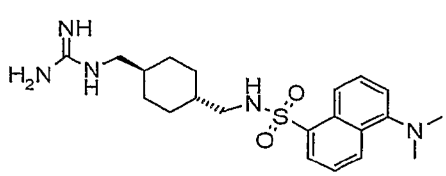
Example No.	Structure	ESI-MS	Retention Time (min)
2795	 $2CF_3CO_2H$	497.6 (M + H)	3.83
2796	 $2CF_3CO_2H$	531.6 (M + H)	4.05
2797	 $2CF_3CO_2H$	582.0 (M + H)	4.23
2798	 $2CF_3CO_2H$	511 (M + H)	3.95
2799	 $2CF_3CO_2H$	575.6 (M + H)	4.10
2800	 $2CF_3CO_2H$	565.0 (M + H)	4.32

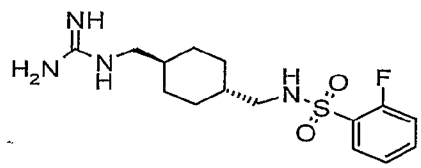
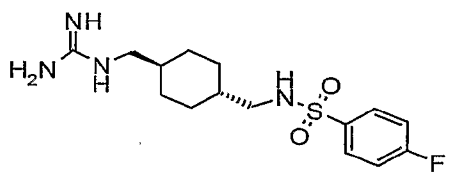
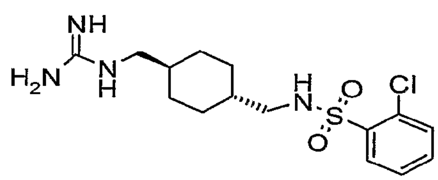
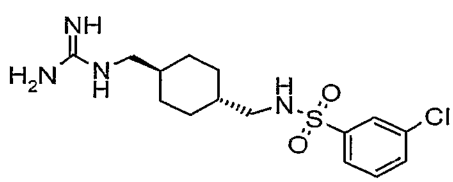
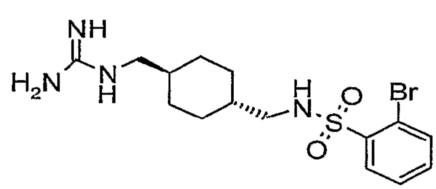
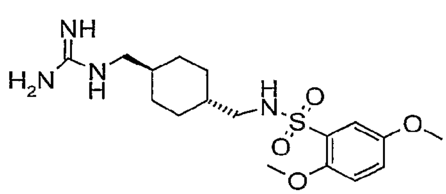
Example No.	Structure	ESI-MS	Retention Time (min)
2801	 $2CF_3CO_2H$	659.6 (M+H)	4.35
2802	 $2CF_3CO_2H$	634.0 (M+H)	4.43
2803	 $2CF_3CO_2H$	547.6 (M+H)	4.09
2804	 $2CF_3CO_2H$	547.6 (M+H)	4.15
2805	 $3CF_3CO_2H$	590.6 (M+H)	3.93
2806	 $2CF_3CO_2H$	459.6 (M+H)	4.07

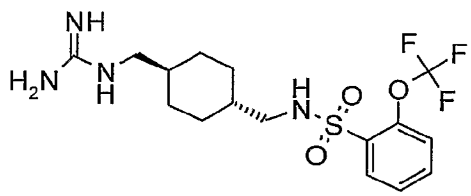
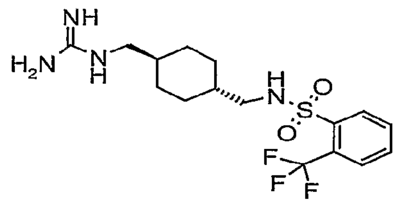
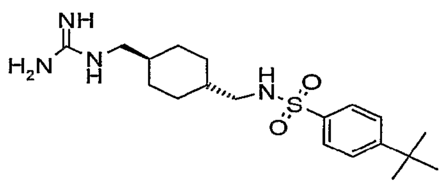
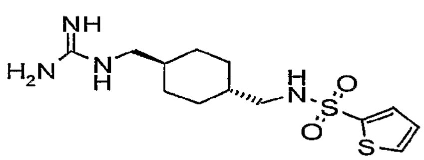
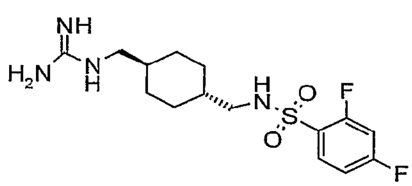
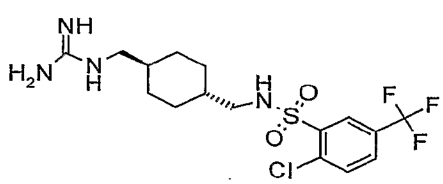
Example No.	Structure	ESI-MS	Retention Time (min)
2807	 $2CF_3CO_2H$	477.6 (M + H)	4.07
2808	 $2CF_3CO_2H$	475.6 (M + H)	4.07
2809	 $2CF_3CO_2H$	475.6 (M + H)	4.23
2810	 $2CF_3CO_2H$	501.8 (M + H)	4.15
2811	 $2CF_3CO_2H$	509.4 (M + H)	4.27
2812	 $2CF_3CO_2H$	525.6 (M + H)	4.37

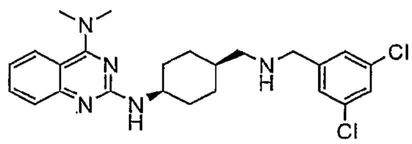
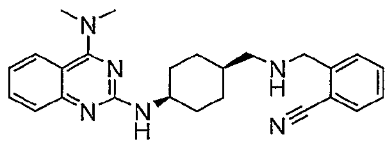
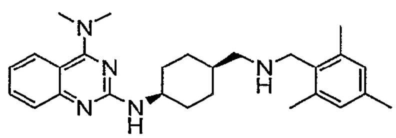
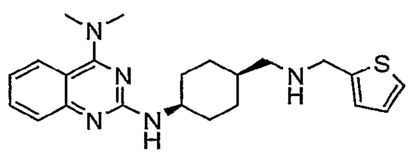
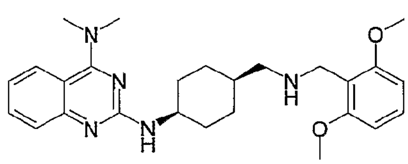
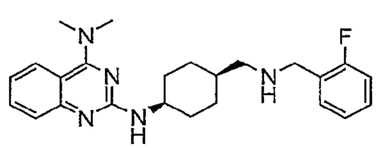
Example No.	Structure	ESI-MS	Retention Time (min)
2813	 2CF$_3$CO$_2$H	519.6 (M + H)	4.25
2814	 2CF$_3$CO$_2$H	509.4 (M + H)	4.49
2815	 2CF$_3$CO$_2$H	603.0 (M + H)	4.60
2816	 2CF$_3$CO$_2$H	577.6 (M + H)	4.72
2817	 2CF$_3$CO$_2$H	491 (M + H)	4.31
2818	 2CF$_3$CO$_2$H	491.6 (M + H)	4.33

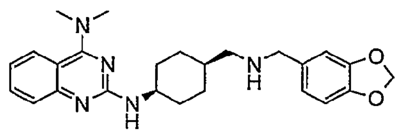
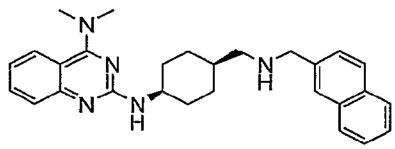
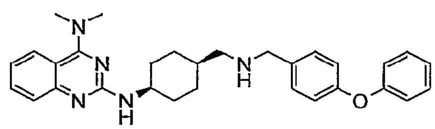
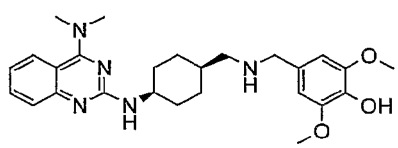
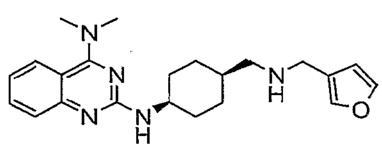
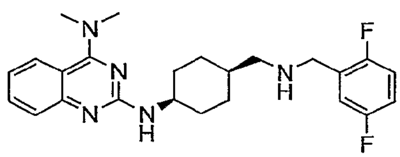
Example No.	Structure	ESI-MS	Retention Time (min)
2819	 3CF_3CO_2H	534.6 (M + H)	4.01
2820	 2HCl	325.4 (M + H)	3.91
2821	 2HCl	359.4 (M + H)	4.24
2822	 2HCl	409.4 (M + H)	4.51
2823	 2HCl	339.6 (M + H)	4.09
2824	 2HCl	403.4 (M + H)	4.28

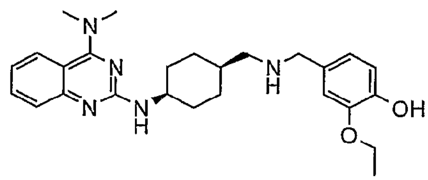
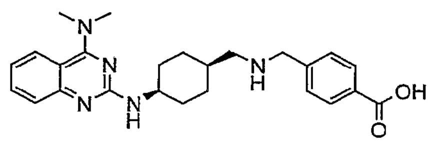
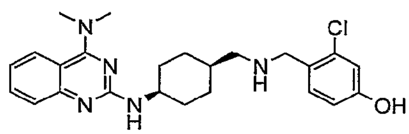
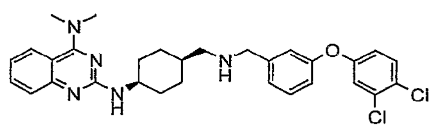
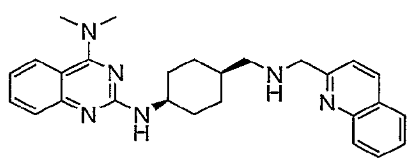
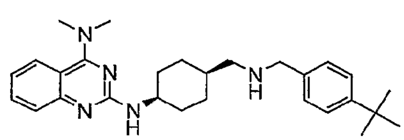
Example No.	Structure	ESI-MS	Retention Time (min)
2825	 2HCl	393.0 (M + H)	4.57
2826	 2HCl	521.6 (M + H)	4.69
2827	 2HCl	461.6 (M + H)	4.77
2828	 2HCl	375.4 (M + H)	4.33
2829	 2HCl	375.4 (M + H)	4.39
2830	 2HCl	418.8 (M + H)	4.33

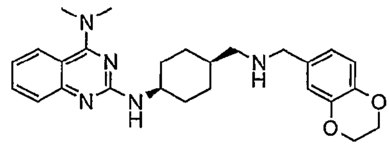
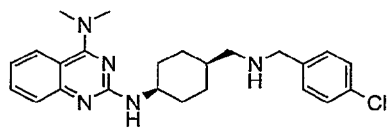
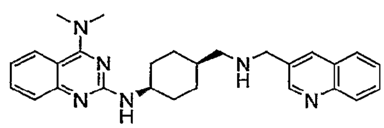
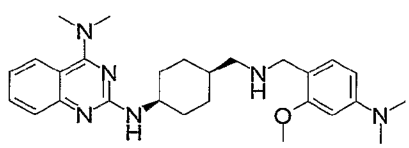
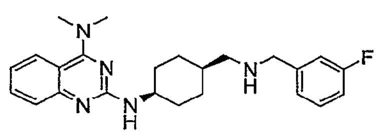
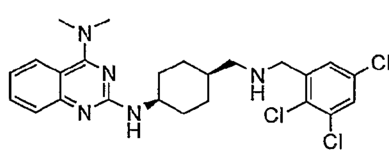
Example No.	Structure	ESI-MS	Retention Time (min)
2831	 2HCl	343.4 (M + H)	3.96
2832	 2HCl	343.4 (M + H)	4.03
2833	 2HCl	359.4 (M + H)	4.05
2834	 2HCl	359.4 (M + H)	4.24
2835	 2HCl	403.4 (M + H)	4.07
2836	 2HCl	385.4 (M + H)	4.00

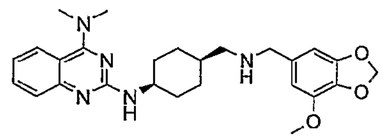
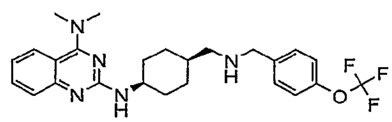
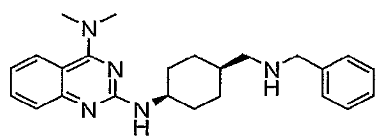
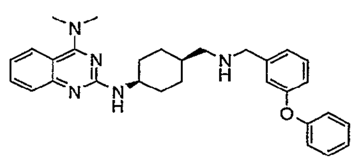
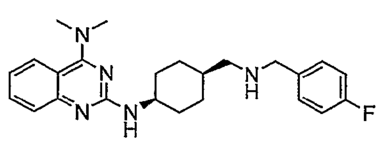
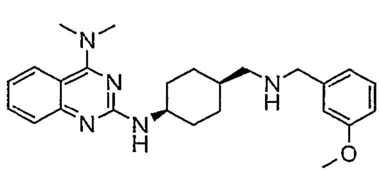
Example No.	Structure	ESI-MS	Retention Time (min)
2837	 2HCl	409.4 (M + H)	4.32
2838	 2HCl	393.6 (M + H)	4.23
2839	 2HCl	381.6 (M + H)	4.62
2840	 2HCl	330.8 (M + H)	3.83
2841	 2HCl	361.4 (M + H)	4.05
2842	 2HCl	427.4 (M + H)	4.51

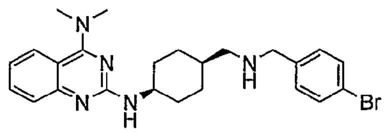
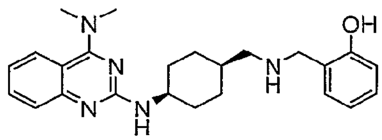
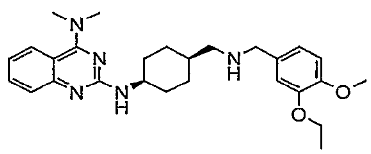
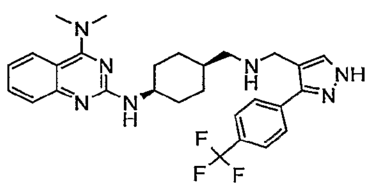
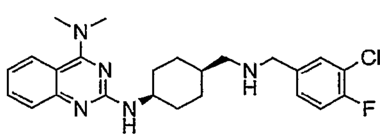
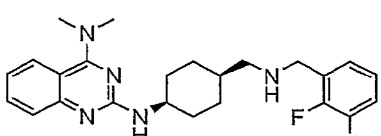
Example No.	Structure	ESI-MS	Retention Time (min)
2843	 2CF_3CO_2H	458.4 (M + H)	3.22
2844	 2CF_3CO_2H	415.4 (M + H)	3.01
2845	 2CF_3CO_2H	432.6 (M + H)	3.26
2846	 2CF_3CO_2H	396.2 (M + H)	2.81
2847	 2CF_3CO_2H	450.0 (M + H)	3.09
2848	 2CF_3CO_2H	408.4 (M + H)	2.85

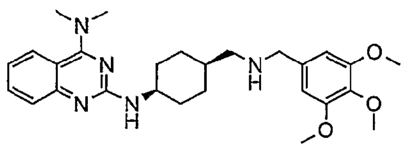
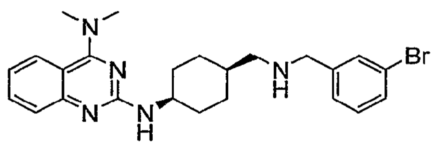
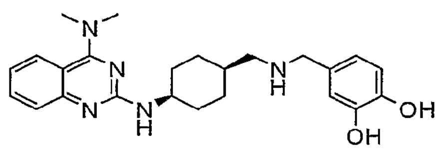
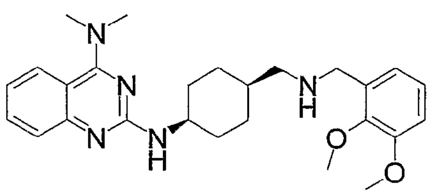
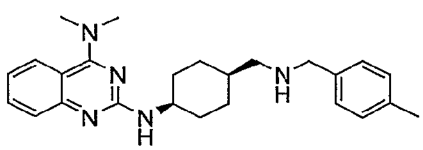
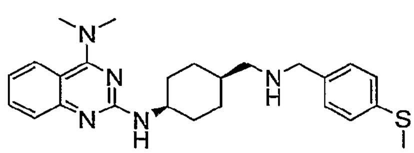
Example No.	Structure	ESI-MS	Retention Time (min)
2849	 $2CF_3CO_2H$	434.4 (M + H)	2.89
2850	 $2CF_3CO_2H$	440.0 (M + H)	3.20
2851	 $2CF_3CO_2H$	482.4 (M + H)	3.43
2852	 $2CF_3CO_2H$	466.4 (M + H)	2.71
2853	 $2CF_3CO_2H$	380.2 (M + H)	2.72
2854	 $2CF_3CO_2H$	426.2 (M + H)	2.91

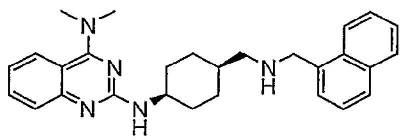
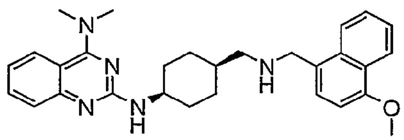
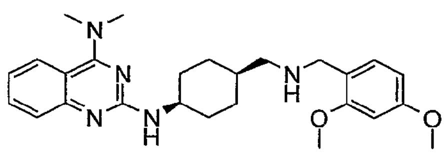
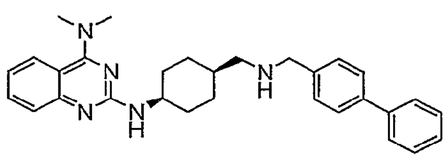
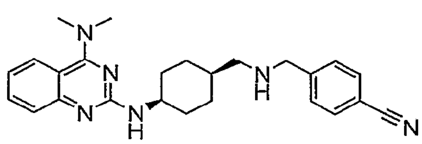
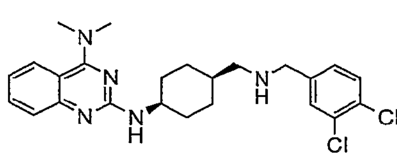
Example No.	Structure	ESI-MS	Retention Time (min)
2855	 $2CF_3CO_2H$	450.0 (M + H)	2.82
2856	 $2CF_3CO_2H$	434.4 (M + H)	2.69
2857	 $2CF_3CO_2H$	440.0 (M + H)	2.85
2858	 $2CF_3CO_2H$	550.6 (M + H)	3.80
2859	 $3CF_3CO_2H$	441.4 (M + H)	3.03
2860	 $2CF_3CO_2H$	446.6 (M + H)	3.41

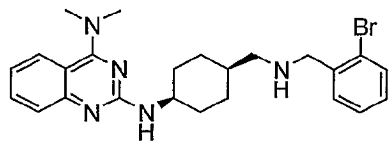
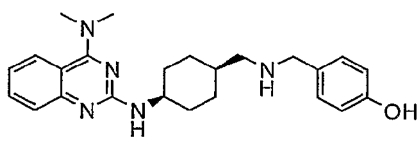
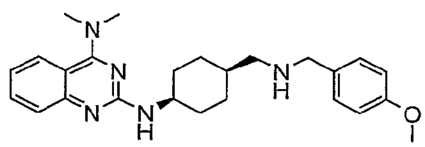
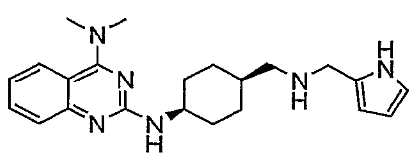
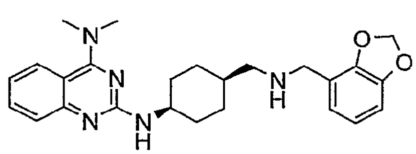
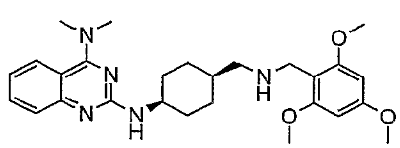
Example No.	Structure	ESI-MS	Retention Time (min)
2861	 2CF_3CO_2H	448.4 (M + H)	2.91
2862	 2CF_3CO_2H	424.2 (M + H)	3.05
2863	 3CF_3CO_2H	441.4 (M + H)	2.68
2864	 3CF_3CO_2H	463.4 (M + H)	2.76
2865	 2CF_3CO_2H	408.4 (M + H)	2.91
2866	 2CF_3CO_2H	492.2 (M + H)	3.30

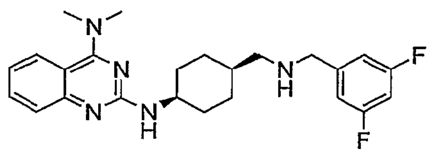
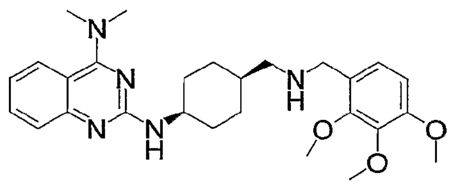
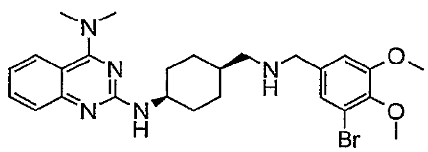
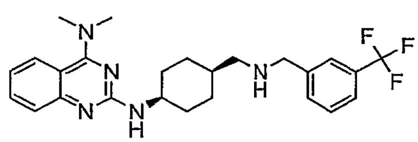
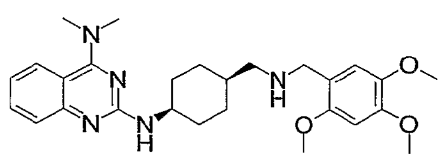
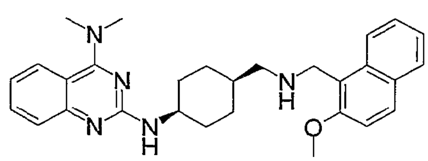
Example No.	Structure	ESI-MS	Retention Time (min)
2867	 2CF$_3$CO$_2$H	464.2 (M + H)	2.93
2868	 2CF$_3$CO$_2$H	474.4 (M + H)	3.27
2869	 2CF$_3$CO$_2$H	390.6 (M + H)	2.88
2870	 2CF$_3$CO$_2$H	482.2 (M + H)	3.43
2871	 2CF$_3$CO$_2$H	408.4 (M + H)	2.91
2872	 2CF$_3$CO$_2$H	420.4 (M + H)	2.91

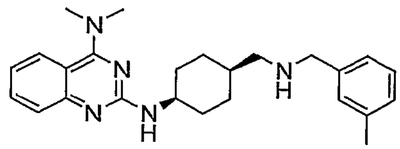
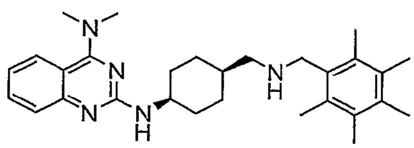
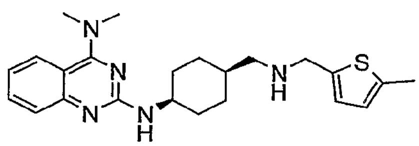
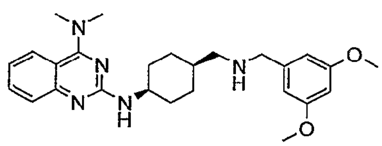
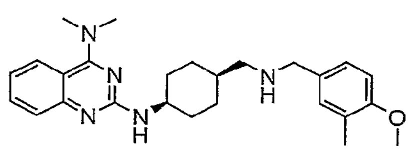
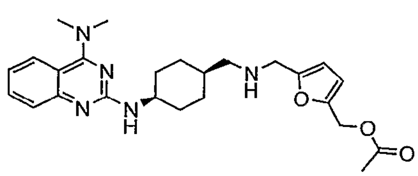
Example No.	Structure	ESI-MS	Retention Time (min)
2873	 2CF$_3$CO$_2$H	468.2 (M + H)	3.09
2874	 2CF$_3$CO$_2$H	406.4 (M + H)	2.80
2875	 2CF$_3$CO$_2$H	464.2 (M + H)	2.97
2876	 3CF$_3$CO$_2$H	524.6 (M + H)	3.12
2877	 2CF$_3$CO$_2$H	442.4 (M + H)	3.10
2878	 2CF$_3$CO$_2$H	426.2 (M + H)	2.90

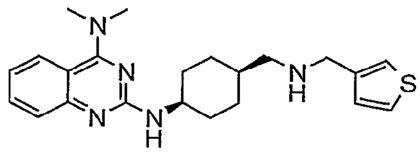
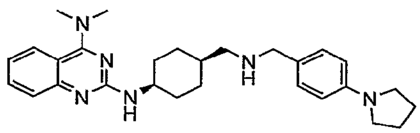
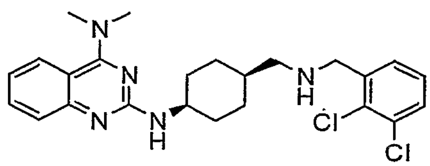
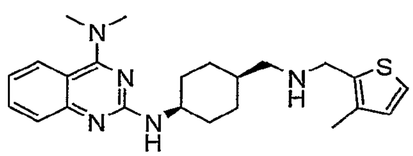
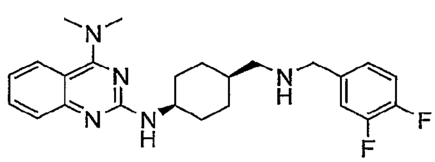
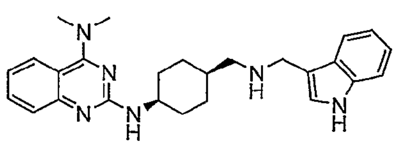
Example No.	Structure	ESI-MS	Retention Time (min)
2879	 2CF_3CO_2H	480.2 (M + H)	2.89
2880	 2CF_3CO_2H	468.2 (M + H)	3.07
2881	 2CF_3CO_2H	422.4 (M + H)	2.61
2882	 2CF_3CO_2H	450.0 (M + H)	2.93
2883	 2CF_3CO_2H	404.6 (M + H)	3.01
2884	 2CF_3CO_2H	436.4 (M + H)	3.08

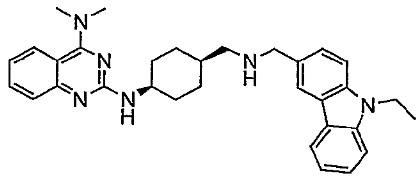
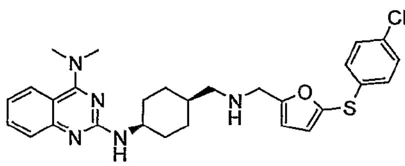
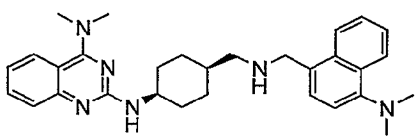
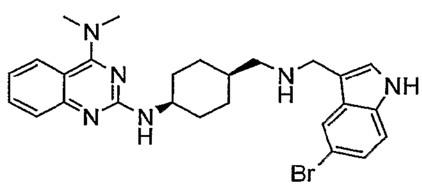
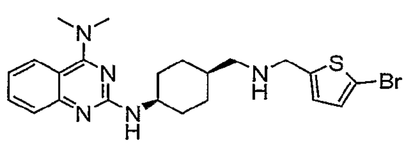
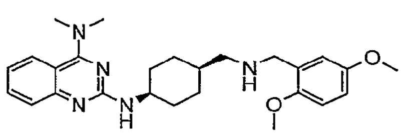
Example No.	Structure	ESI-MS	Retention Time (min)
2885	 2CF$_3$CO$_2$H	440.0 (M + H)	3.18
2886	 2CF$_3$CO$_2$H	470.4 (M + H)	3.25
2887	 2CF$_3$CO$_2$H	450.0 (M + H)	3.01
2888	 2CF$_3$CO$_2$H	466.4 (M + H)	3.40
2889	 2CF$_3$CO$_2$H	415.4 (M + H)	2.83
2890	 2CF$_3$CO$_2$H	458.4 (M + H)	3.25

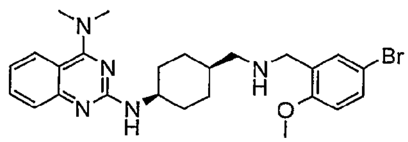
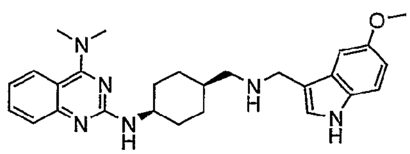
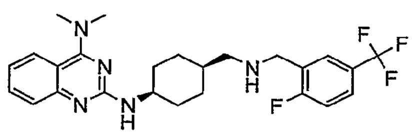
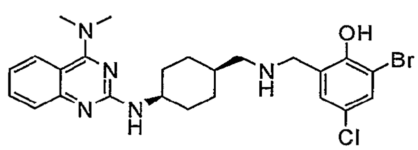
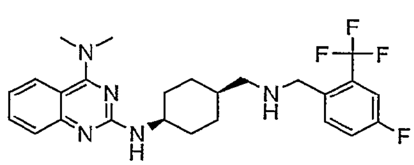
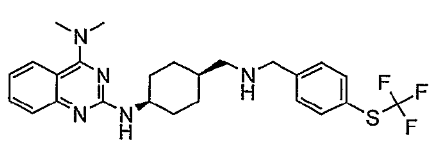
Example No.	Structure	ESI-MS	Retention Time (min)
2891	 2CF$_3$CO$_2$H	468.2 (M + H)	3.00
2892	 2CF$_3$CO$_2$H	406.4 (M + H)	2.66
2893	 2CF$_3$CO$_2$H	420.4 (M + H)	2.92
2894	 3CF$_3$CO$_2$H	379.4 (M + H)	2.71
2895	 2CF$_3$CO$_2$H	434.4 (M + H)	2.87
2896	 2CF$_3$CO$_2$H	480.2 (M + H)\	3.17

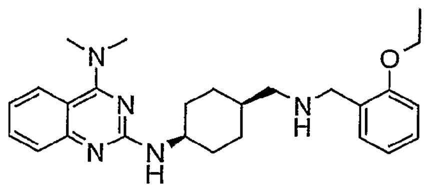
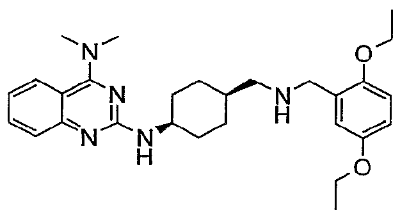
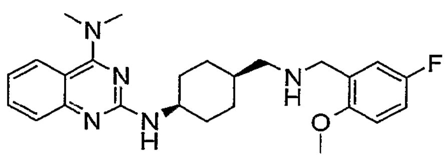
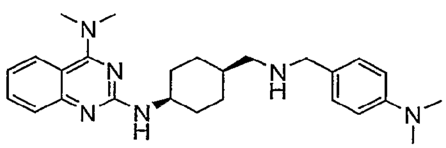
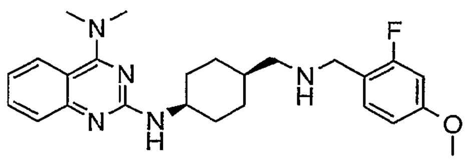
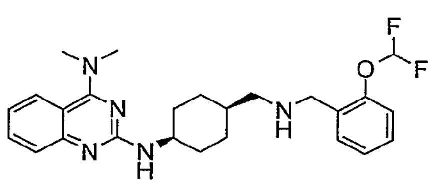
Example No.	Structure	ESI-MS	Retention Time (min)
2897	 2CF$_3$CO$_2$H	426.2 (M + H)	2.98
2898	 2CF$_3$CO$_2$H	480.2 (M + H)	2.99
2899	 2CF$_3$CO$_2$H	528.4 (M + H)	3.15
2900	 2CF$_3$CO$_2$H	458.4 (M + H)	3.19
2901	 2CF$_3$CO$_2$H	480.2 (M + H)	2.92
2902	 2CF$_3$CO$_2$H	470.4 (M + H)	3.27

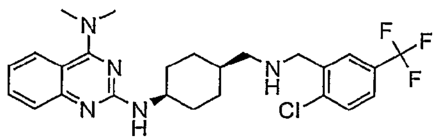
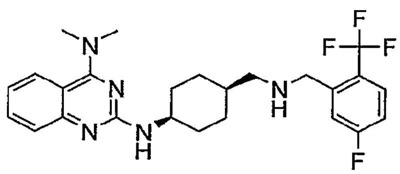
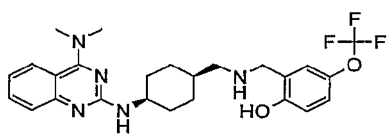
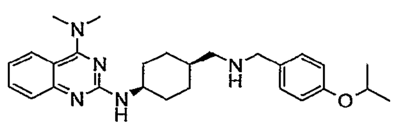
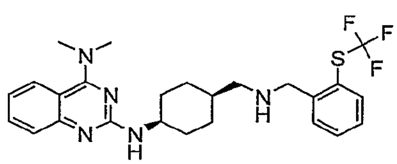
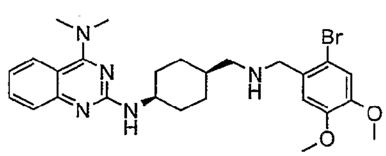
Example No.	Structure	ESI-MS	Retention Time (min)
2903	 2CF$_3$CO$_2$H	404.6 (M + H)	2.87
2904	 2CF$_3$CO$_2$H	460.4 (M + H)	3.48
2905	 2CF$_3$CO$_2$H	410.4 (M + H)	2.96
2906	 2CF$_3$CO$_2$H	450.0 (M + H)	3.03
2907	 2CF$_3$CO$_2$H	434.4 (M + H)	3.08
2908	 2CF$_3$CO$_2$H	452.2 (M + H)	2.79

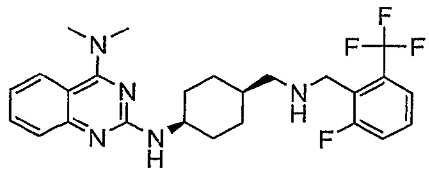
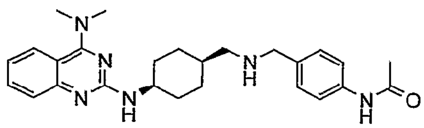
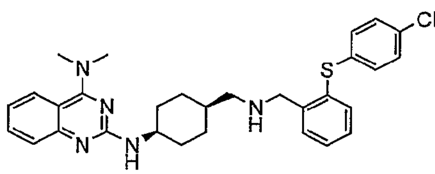
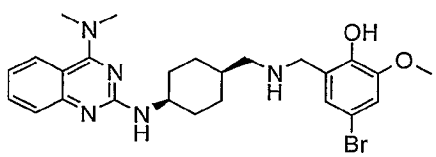
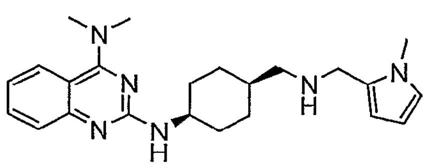
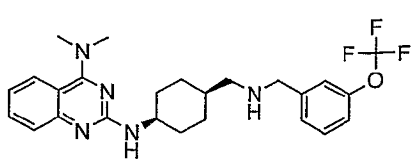
Example No.	Structure	ESI-MS	Retention Time (min)
2909	 2CF$_3$CO$_2$H	396.2 (M + H)	2.81
2910	 3CF$_3$CO$_2$H	459.4 (M + H)	3.21
2911	 2CF$_3$CO$_2$H	458.2 (M + H)	3.08
2912	 2CF$_3$CO$_2$H	410.4 (M + H)	2.88
2913	 2CF$_3$CO$_2$H	426.2 (M + H)	3.01
2914	 3CF$_3$CO$_2$H	429.4 (M + H)	2.97

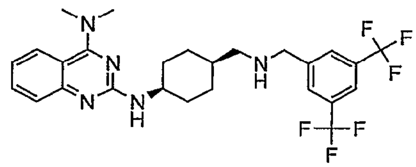
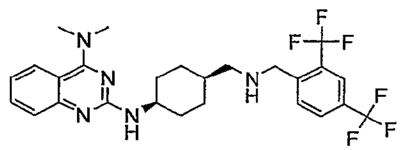
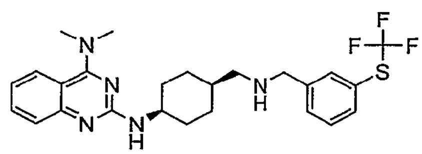
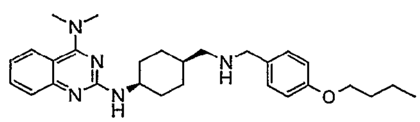
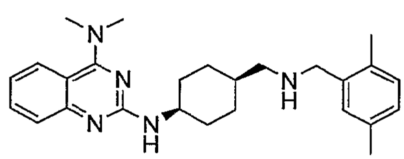
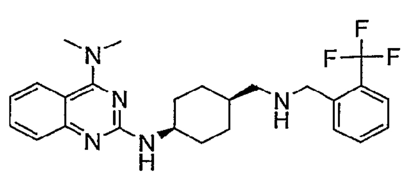
Example No.	Structure	ESI-MS	Retention Time (min)
2915	 $3CF_3CO_2H$	507.2 (M + H)	3.53
2916	 $2CF_3CO_2H$	522.4 (M + H)	3.56
2917	 $3CF_3CO_2H$	483.2 (M + H)	2.80
2918	 $3CF_3CO_2H$	507.2 (M + H)	3.27
2919	 $2CF_3CO_2H$	474.2 (M + H)	3.10
2920	 $2CF_3CO_2H$	450.0 (M + H)	3.00

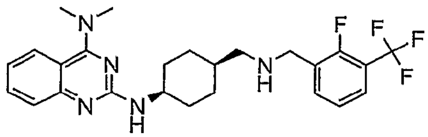
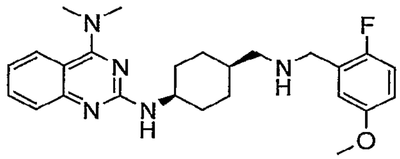
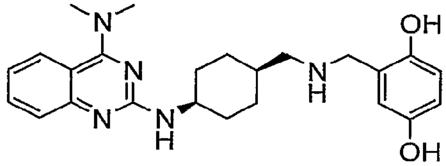
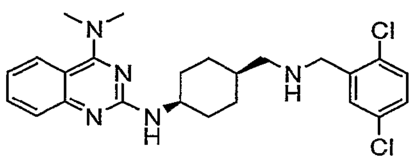
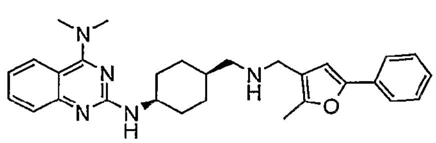
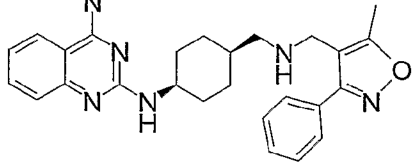
Example No.	Structure	ESI-MS	Retention Time (min)
2921	 $2CF_3CO_2H$	498.4 (M + H)	3.15
2922	 $3CF_3CO_2H$	459.4 (M + H)	2.99
2923	 $2CF_3CO_2H$	476.0 (M + H)	3.10
2924	 $2CF_3CO_2H$	518.2 (M + H)	3.10
2925	 $2CF_3CO_2H$	476.2 (M + H)	3.12
2926	 $2CF_3CO_2H$	490.4 (M + H)	3.35

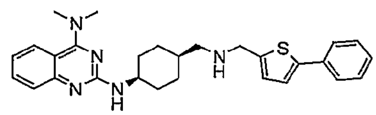
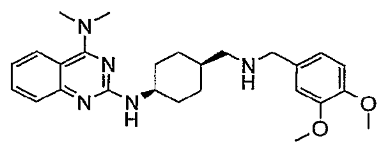
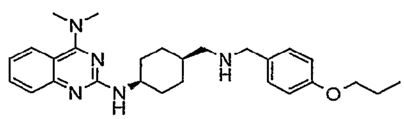
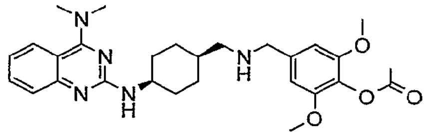
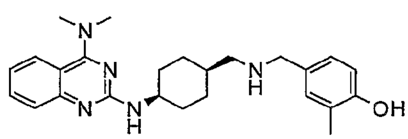
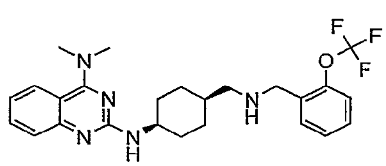
Example No.	Structure	ESI-MS	Retention Time (min)
2927	 2CF$_3$CO$_2$H	434.4 (M + H)	3.11
2928	 2CF$_3$CO$_2$H	478.4 (M + H)	3.29
2929	 2CF$_3$CO$_2$H	438.2 (M + H)	3.01
2930	 3CF$_3$CO$_2$H	433.4 (M + H)	2.59
2931	 2CF$_3$CO$_2$H	438.2 (M + H)	2.90
2932	 2CF$_3$CO$_2$H	456.2 (M + H)	3.10

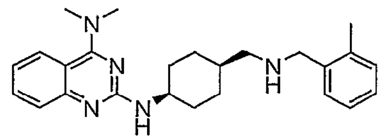
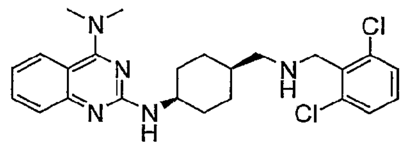
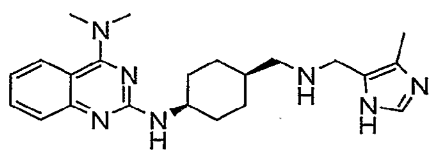
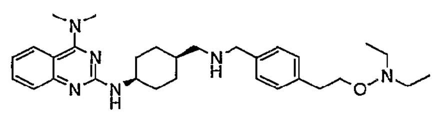
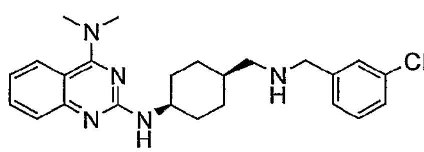
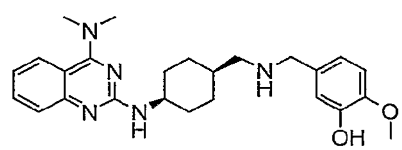
Example No.	Structure	ESI-MS	Retention Time (min)
2933	 $2CF_3CO_2H$	492.2 (M + H)	3.25
2934	 $2CF_3CO_2H$	476.2 (M + H)	3.11
2935	 $2CF_3CO_2H$	490.4 (M + H)	3.20
2936	 $2CF_3CO_2H$	448.4 (M + H)	3.17
2937	 $2CF_3CO_2H$	489.6 (M + H)	3.31
2938	 $2CF_3CO_2H$	528.2 (M + H)	3.03

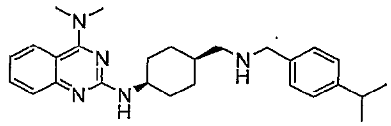
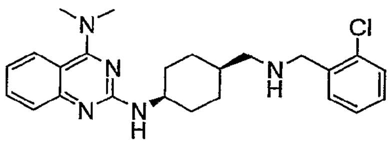
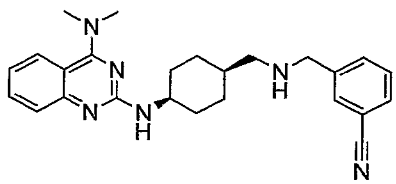
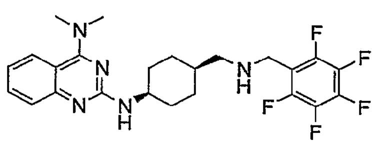
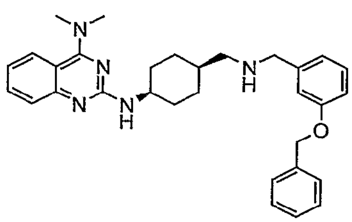
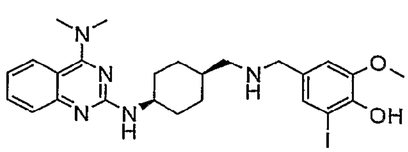
Example No.	Structure	ESI-MS	Retention Time (min)
2939	 2CF$_3$CO$_2$H	476.2 (M + H)	2.99
2940	 2CF$_3$CO$_2$H	447.4 (M + H)	2.66
2941	 2CF$_3$CO$_2$H	532.4 (M + H)	3.66
2942	 2CF$_3$CO$_2$H	514.4 (M + H)	3.08
2943	 3CF$_3$CO$_2$H	393.4 (M + H)	2.79
2944	 2CF$_3$CO$_2$H	474.4 (M + H)	3.24

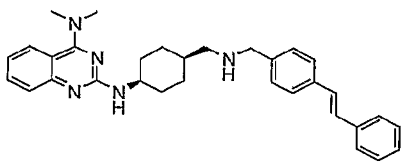
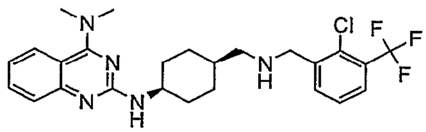
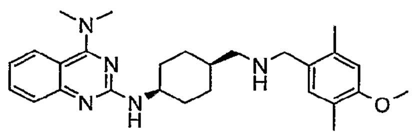
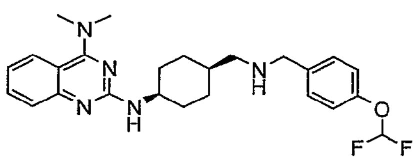
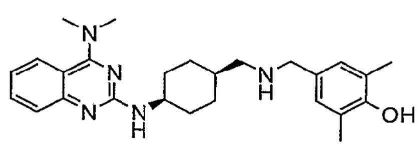
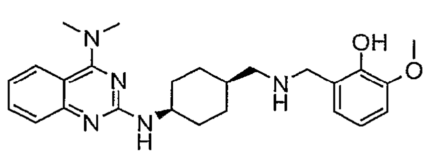
Example No.	Structure	ESI-MS	Retention Time (min)
2945	 2CF$_3$CO$_2$H	526.6 (M + H)	3.44
2946	 2CF$_3$CO$_2$H	526.6 (M + H)	3.42
2947	 2CF$_3$CO$_2$H	490.4 (M + H)	3.35
2948	 2CF$_3$CO$_2$H	462.2 (M + H)	3.43
2949	 2CF$_3$CO$_2$H	418.6 (M + H)	3.13
2950	 2CF$_3$CO$_2$H	458.4 (M + H)	3.10

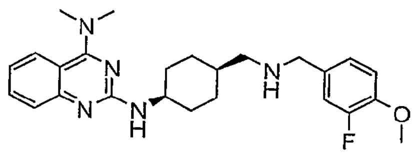
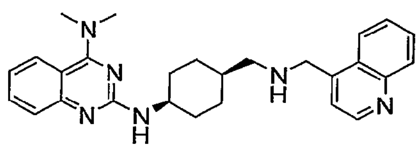
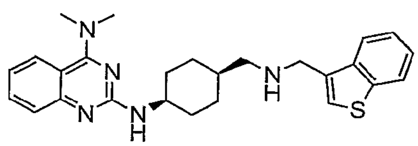
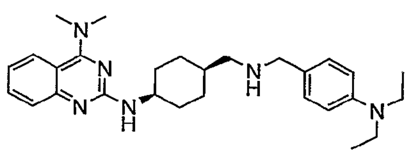
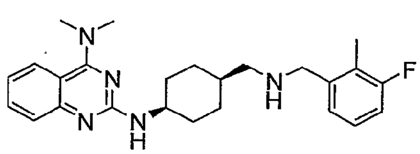
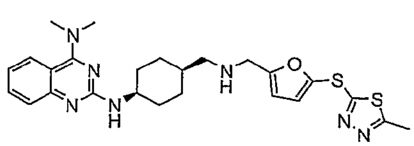
Example No.	Structure	ESI-MS	Retention Time (min)
2951	 2CF3CO2H	476.4 (M + H)	3.19
2952	 2CF3CO2H	438.2 (M + H)	2.95
2953	 2CF3CO2H	422.4 (M + H)	2.61
2954	 2CF3CO2H	458.2 (M + H)	3.07
2955	 2CF3CO2H	470.4 (M + H)	3.45
2956	 2CF3CO2H	471.6 (M + H)	2.88

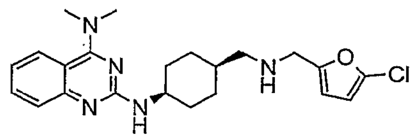
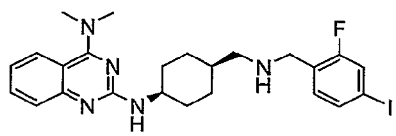
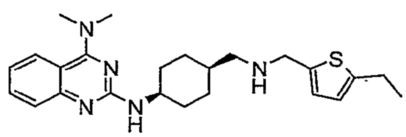
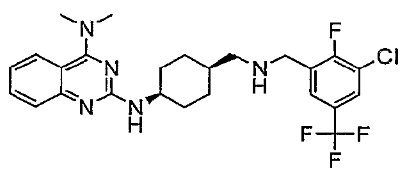
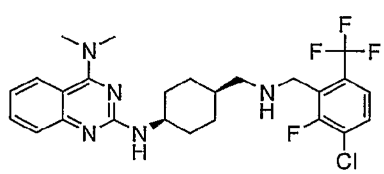
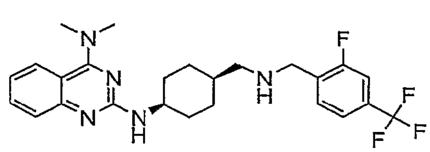
Example No.	Structure	ESI-MS	Retention Time (min)
2957	 2CF$_3$CO$_2$H	472.4 (M + H)	3.36
2958	 2CF$_3$CO$_2$H	450 (M + H)	2.75
2959	 2CF$_3$CO$_2$H	448.4 (M + H)	3.20
2960	 2CF$_3$CO$_2$H	508.4 (M + H)	3.00
2961	 2CF$_3$CO$_2$H	420.4 (M + H)	2.80
2962	 2CF$_3$CO$_2$H	474.4 (M + H)	3.20

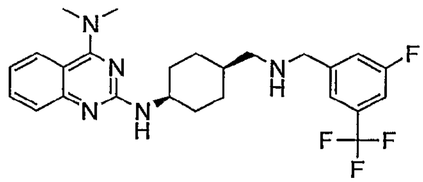
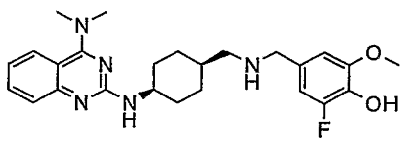
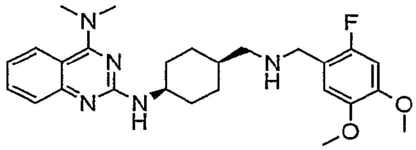
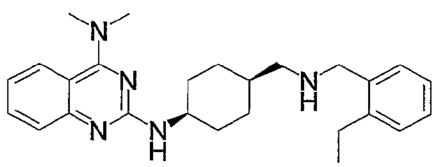
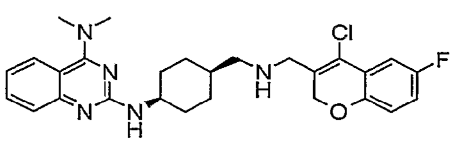
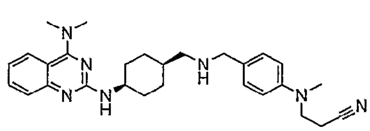
Example No.	Structure	ESI-MS	Retention Time (min)
2963	 2CF$_3$CO$_2$H	404.4 (M + H)	2.87
2964	 2CF$_3$CO$_2$H	458.2 (M + H)	3.00
2965	 3CF$_3$CO$_2$H	394.4 (M + H)	2.30
2966	 2CF$_3$CO$_2$H	505.4 (M + H)	2.60
2967	 2CF$_3$CO$_2$H	424.2 (M + H)	3.00
2968	 2CF$_3$CO$_2$H	436.4 (M + H)	2.71

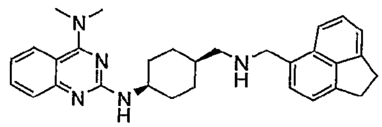
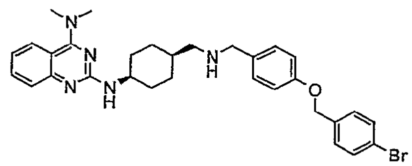
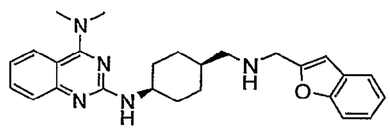
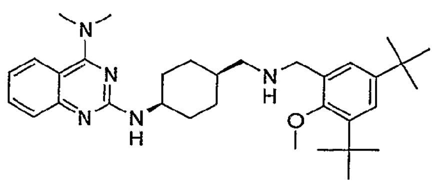
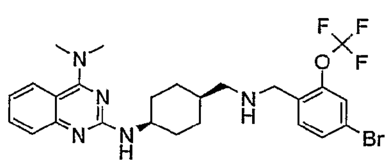
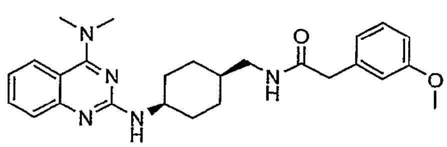
Example No.	Structure	ESI-MS	Retention Time (min)
2969	 2CF$_3$CO$_2$H	432.4 (M + H)	3.30
2970	 2CF$_3$CO$_2$H	424.2 (M + H)	2.95
2971	 2CF$_3$CO$_2$H	415.4 (M + H)	2.79
2972	 2CF$_3$CO$_2$H	480.2 (M + H)	3.00
2973	 2CF$_3$CO$_2$H	496.2 (M + H)	3.46
2974	 2CF$_3$CO$_2$H	562.2 (M + H)	2.99

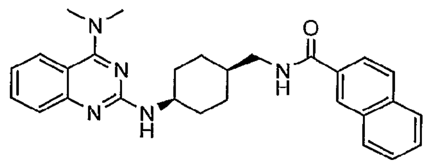
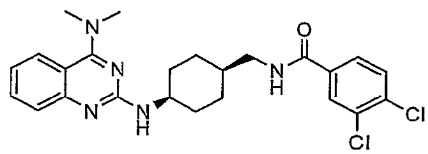
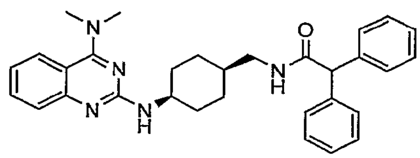
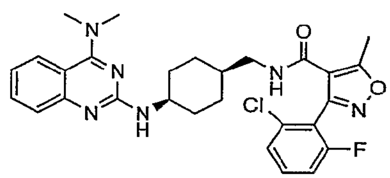
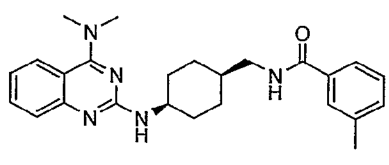
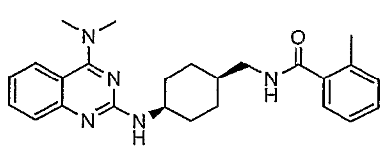
Example No.	Structure	ESI-MS	Retention Time (min)
2975	 $2CF_3CO_2H$	492.4 (M + H)	3.64
2976	 $2CF_3CO_2H$	492.2 (M + H)	3.25
2977	 $2CF_3CO_2H$	448.4 (M + H)	3.22
2978	 $2CF_3CO_2H$	456.2 (M + H)	3.09
2979	 $2CF_3CO_2H$	434.4 (M + H)	2.89
2980	 $2CF_3CO_2H$	436.4 (M + H)	2.79

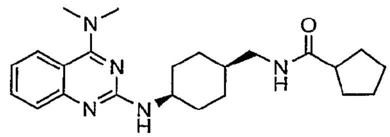
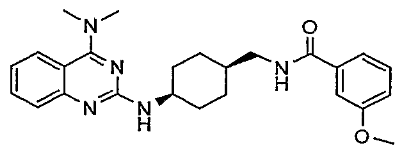
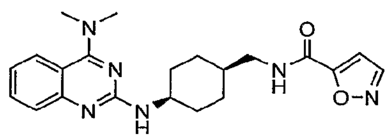
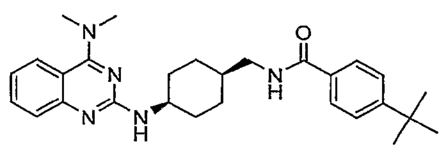
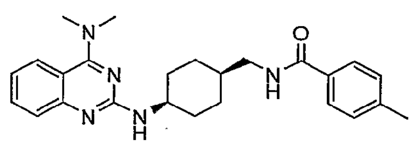
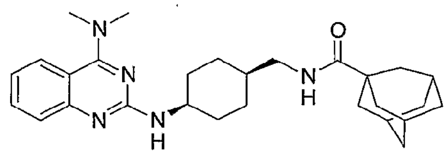
Example No.	Structure	ESI-MS	Retention Time (min)
2981	 $2CF_3CO_2H$	438.2 (M + H)	2.91
2982	 $3CF_3CO_2H$	441.4 (M + H)	2.55
2983	 $2CF_3CO_2H$	446.4 (M + H)	3.13
2984	 $3CF_3CO_2H$	461.4 (M + H)	2.46
2985	 $2CF_3CO_2H$	422.2 (M + H)	3.01
2986	 $2CF_3CO_2H$	510.2 (M + H)	2.85

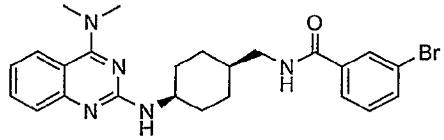
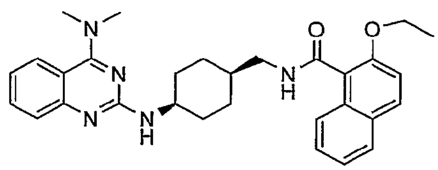
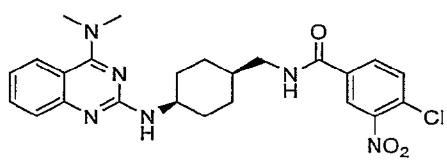
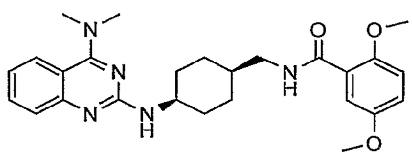
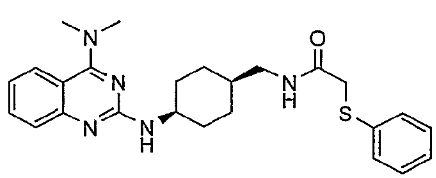
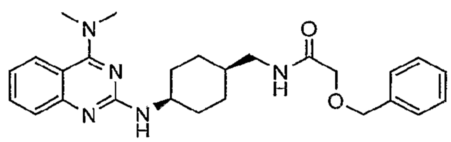
Example No.	Structure	ESI-MS	Retention Time (min)
2987	 2CF$_3$CO$_2$H	414.4 (M + H)	2.86
2988	 2CF$_3$CO$_2$H	534.2 (M + H)	3.13
2989	 2CF$_3$CO$_2$H	424.2 (M + H)	3.08
2990	 2CF$_3$CO$_2$H	510.4 (M + H)	3.32
2991	 2CF$_3$CO$_2$H	510.4 (M + H)	3.17
2992	 2CF$_3$CO$_2$H	476.4 (M + H)	3.17

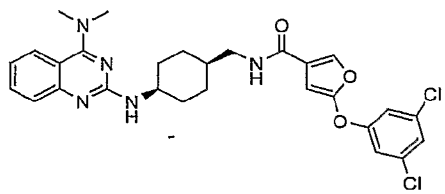
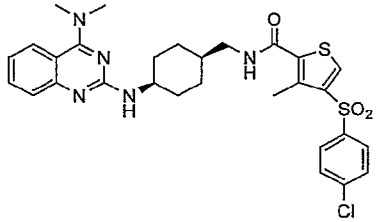
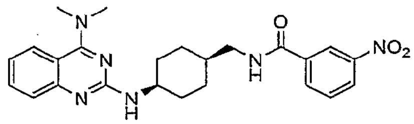
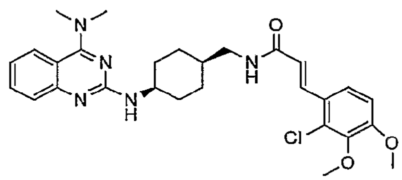
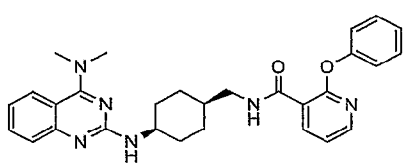
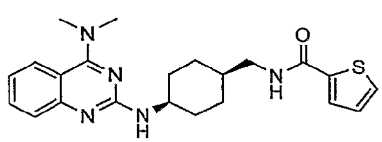
Example No.	Structure	ESI-MS	Retention Time (min)
2993	 2CF$_3$CO$_2$H	476.2 (M + H)	3.21
2994	 2CF$_3$CO$_2$H	454.2 (M + H)	2.77
2995	 2CF$_3$CO$_2$H	468.4 (M + H)	2.89
2996	 2CF$_3$CO$_2$H	418.6 (M + H)	3.12
2997	 2CF$_3$CO$_2$H	496.4 (M + H)	3.29
2998	 3CF$_3$CO$_2$H	472.6 (M + H)	2.99

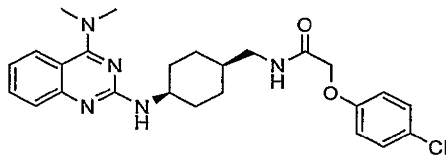
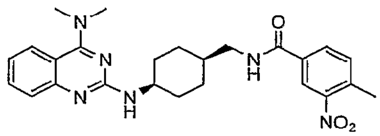
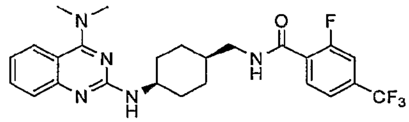
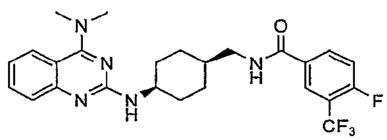
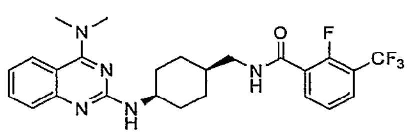
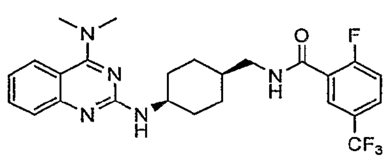
Example No.	Structure	ESI-MS	Retention Time (min)
2999	 $2CF_3CO_2H$	466.4 (M + H)	3.37
3000	 $2CF_3CO_2H$	574.2 (M + H)	3.64
3001	 $2CF_3CO_2H$	430.4 (M + H)	3.05
3002	 $2CF_3CO_2H$	532.4 (M + H)	4.05
3003	 $2CF_3CO_2H$	552.0 (M + H)	3.37
3004	 CF_3CO_2H	448.4 (M + H)	3.51

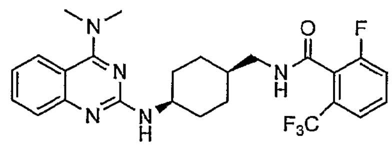
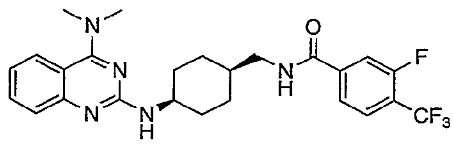
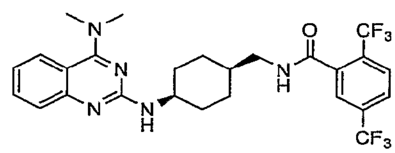
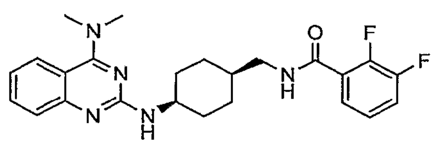
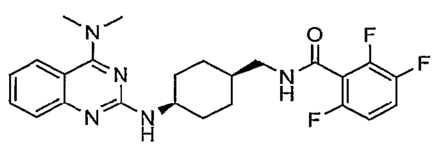
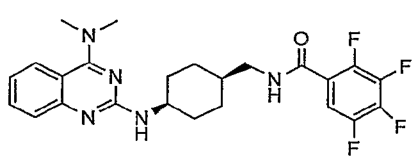
Example No.	Structure	ESI-MS	Retention Time (min)
3005	 CF_3CO_2H	454.2 (M + H)	3.91
3006	 CF_3CO_2H	472.4 (M + H)	4.02
3007	 CF_3CO_2H	494.4 (M + H)	4.01
3008	 CF_3CO_2H	537.4 (M + H)	3.77
3009	 CF_3CO_2H	418.6 (M + H)	3.63
3010	 CF_3CO_2H	418.6 (M + H)	3.51

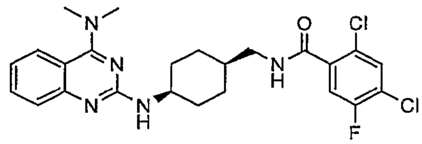
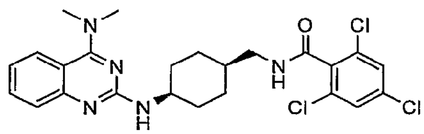
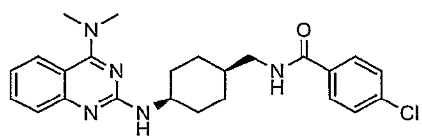
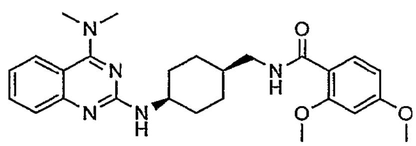
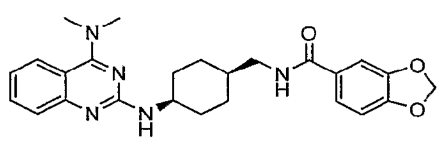
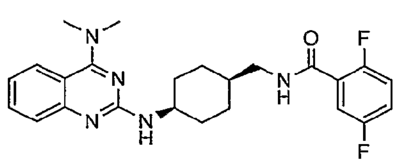
Example No.	Structure	ESI-MS	Retention Time (min)
3011	 CF_3CO_2H	396.2 (M + H)	3.47
3012	 CF_3CO_2H	434.4 (M + H)	3.52
3013	 CF_3CO_2H	395.4 (M + H)	3.15
3014	 CF_3CO_2H	460.2 (M + H)	4.03
3015	 CF_3CO_2H	418.6 (M + H)	3.65
3016	 CF_3CO_2H	462.2 (M + H)	4.09

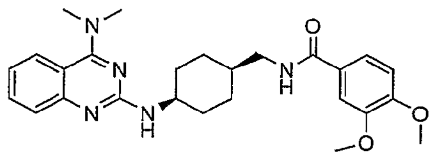
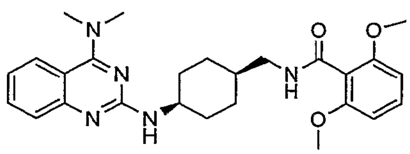
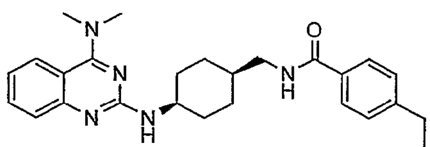
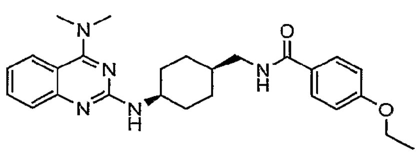
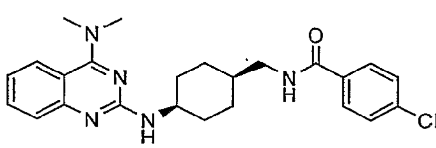
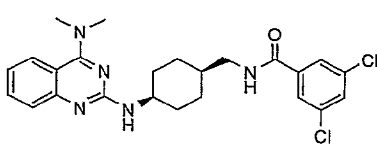
Example No.	Structure	ESI-MS	Retention Time (min)
3017	 CF_3CO_2H	484.2 (M + H)	3.79
3018	 CF_3CO_2H	498.6 (M + H)	3.88
3019	 CF_3CO_2H	483.2 (M + H)	3.80
3020	 CF_3CO_2H	478.2 (M + H)	3.49
3021	 CF_3CO_2H	450.0 (M + H)	3.61
3022	 CF_3CO_2H	448.2 (M + H)	3.70

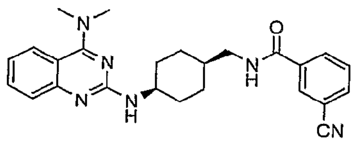
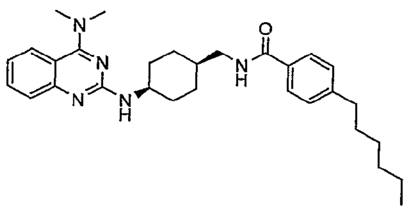
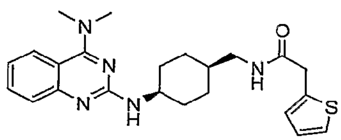
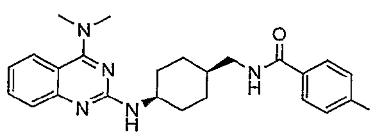
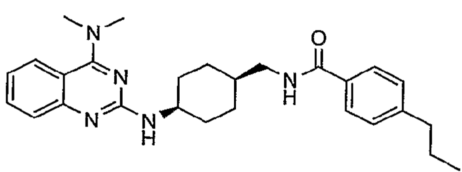
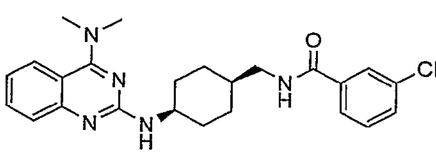
Example No.	Structure	ESI-MS	Retention Time (min)
3023	 CF_3CO_2H	554.4 (M + H)	4.41
3024	 CF_3CO_2H	598.2 (M + H)	4.03
3025	 CF_3CO_2H	499.2 (M + H)	3.59
3026	 CF_3CO_2H	524.6 (M + H)	3.84
3027	 $2CF_3CO_2H$	497.4 (M + H)	3.80
3028	 CF_3CO_2H	410.2 (M + H)	3.43

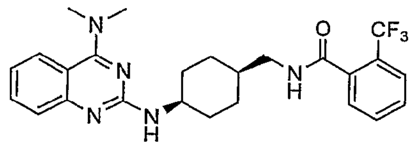
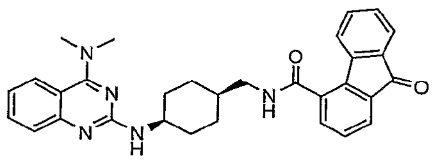
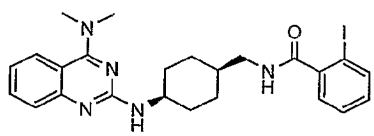
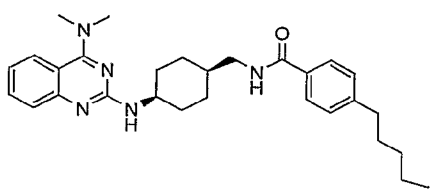
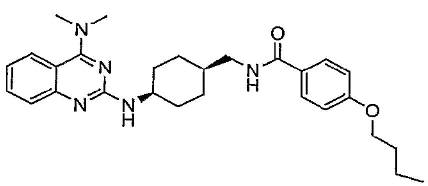
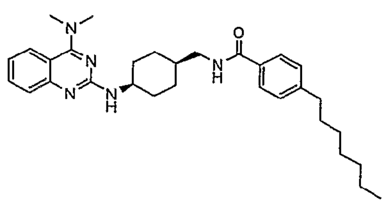
Example No.	Structure	ESI-MS	Retention Time (min)
3029	 CF3CO2H	468.2 (M + H)	3.77
3030	 CF3CO2H	463.2 (M + H)	3.73
3031	 CF3CO2H	490.4 (M + H)	3.91
3032	 CF3CO2H	490.4 (M + H)	3.94
3033	 CF3CO2H	490.4 (M + H)	3.85
3034	 CF3CO2H	490.4 (M + H)	3.87

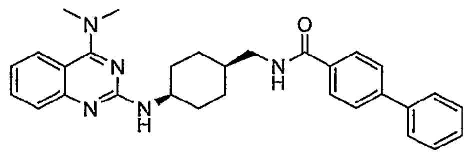
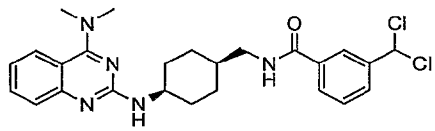
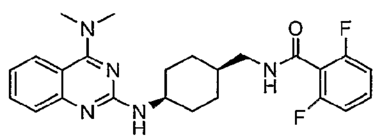
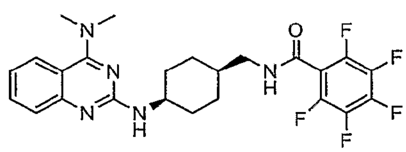
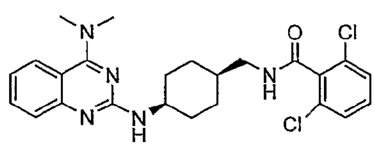
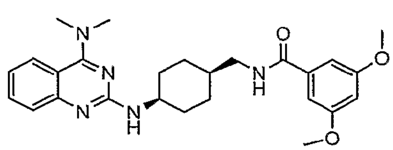
Example No.	Structure	ESI-MS	Retention Time (min)
3035	 CF_3CO_2H	490.4 (M + H)	3.63
3036	 CF_3CO_2H	490.2 (M + H)	3.54
3037	 CF_3CO_2H	540.4 (M + H)	3.95
3038	 CF_3CO_2H	440.4 (M + H)	3.58
3039	 CF_3CO_2H	458.4 (M + H)	3.56
3040	 CF_3CO_2H	476.4 (M + H)	3.83

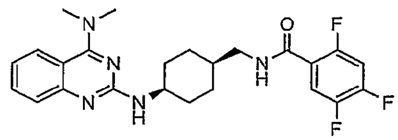
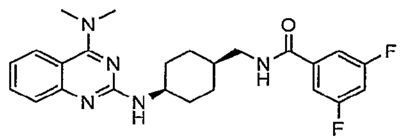
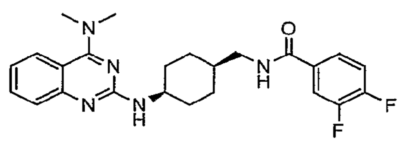
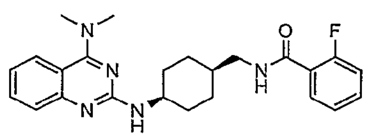
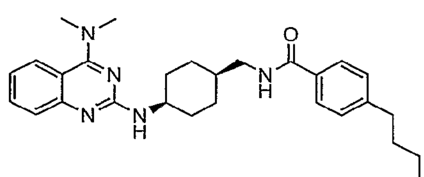
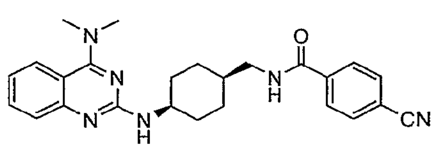
Example No.	Structure	ESI-MS	Retention Time (min)
3041	 CF_3CO_2H	490.4 (M + H)	3.82
3042	 CF_3CO_2H	508.0 (M + H)	3.85
3043	 CF_3CO_2H	438.2 (M + H)	3.71
3044	 CF_3CO_2H	464.2 (M + H)	3.65
3045	 CF_3CO_2H	448.4 (M + H)	3.47
3046	 CF_3CO_2H	440.4 (M + H)	3.59

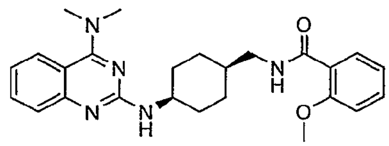
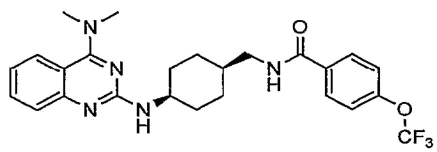
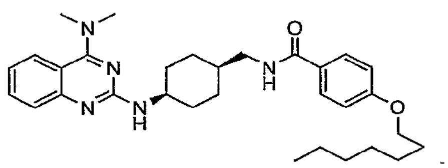
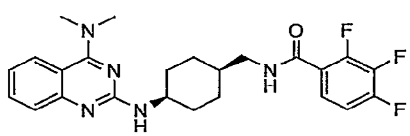
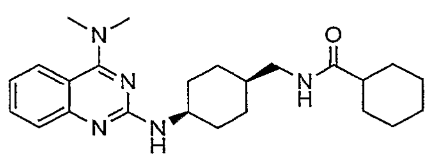
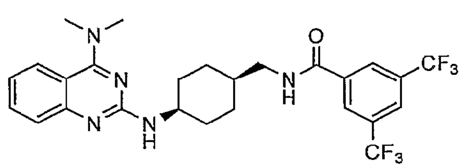
Example No.	Structure	ESI-MS	Retention Time (min)
3047	 CF$_3$CO$_2$H	464.2 (M + H)	3.36
3048	 CF$_3$CO$_2$H	464.4 (M + H)	3.39
3049	 CF$_3$CO$_2$H	432.4 (M + H)	3.81
3050	 CF$_3$CO$_2$H	448.4 (M + H)	3.69
3051	 CF$_3$CO$_2$H	438.2 (M + H)	3.69
3052	 CF$_3$CO$_2$H	472.4 (M + H)	4.03

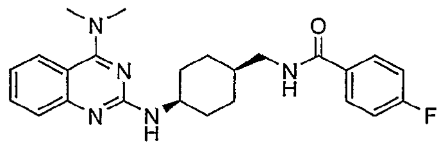
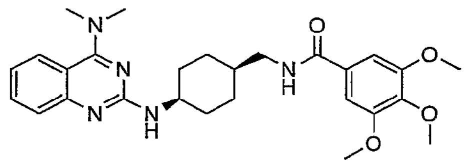
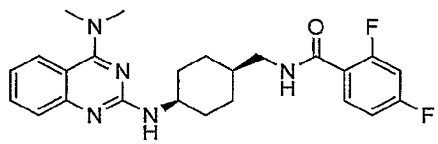
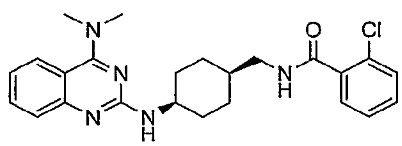
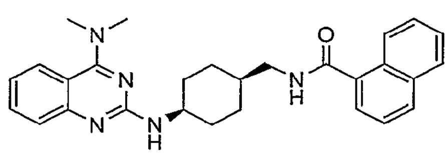
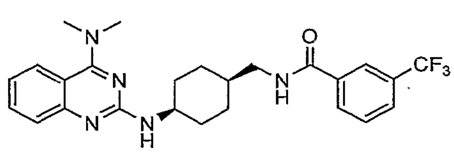
Example No.	Structure	ESI-MS	Retention Time (min)
3053	 CF_3CO_2H	429.2 (M + H)	3.47
3054	 CF_3CO_2H	488.4 (M + H)	4.60
3055	 CF_3CO_2H	424.2 (M + H)	3.41
3056	 CF_3CO_2H	530.2 (M + H)	3.83
3057	 CF_3CO_2H	446.4 (M + H)	4.02
3058	 CF_3CO_2H	438.2 (M + H)	3.70

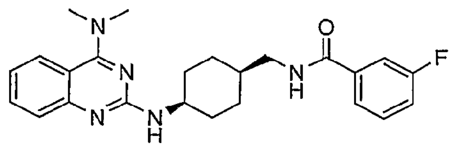
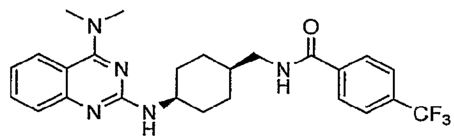
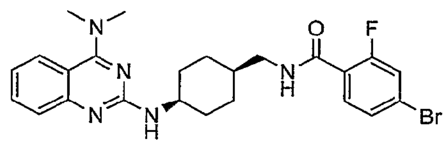
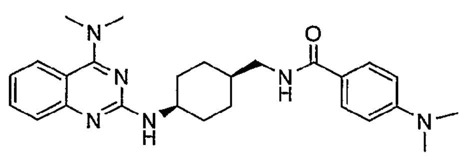
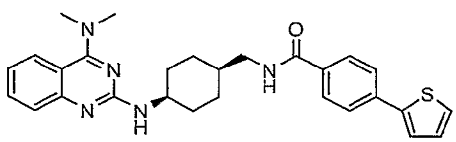
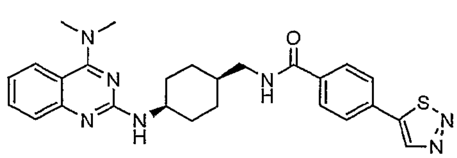
Example No.	Structure	ESI-MS	Retention Time (min)
3059	 CF_3CO_2H	472.4 (M + H)	3.55
3060	 CF_3CO_2H	506.4 (M + H)	3.71
3061	 CF_3CO_2H	530.2 (M + H)	3.61
3062	 CF_3CO_2H	474.4 (M + H)	4.41
3063	 CF_3CO_2H	476.4 (M + H)	4.14
3064	 CF_3CO_2H	502.4 (M + H)	4.83

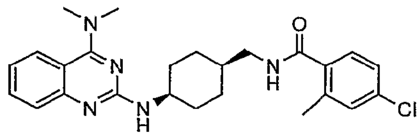
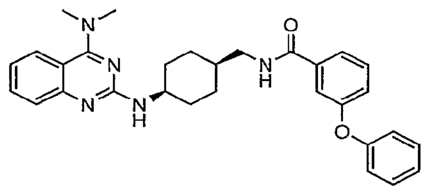
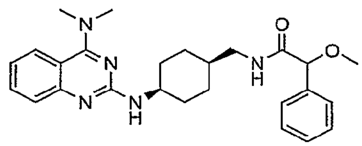
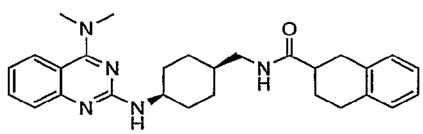
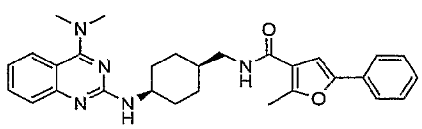
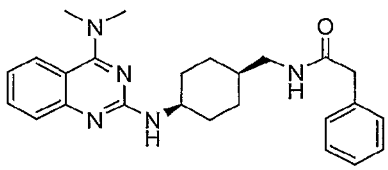
Example No.	Structure	ESI-MS	Retention Time (min)
3065	 CF_3CO_2H	480.4 (M + H)	4.09
3066	 CF_3CO_2H	486.4 (M + H)	3.84
3067	 CF_3CO_2H	440.4 (M + H)	3.46
3068	 CF_3CO_2H	494.4 (M + H)	3.79
3069	 CF_3CO_2H	472.4 (M + H)	3.55
3070	 CF_3CO_2H	464.4 (M + H)	3.63

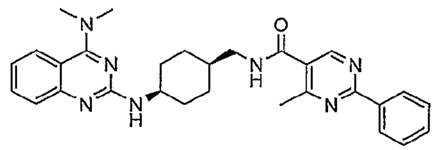
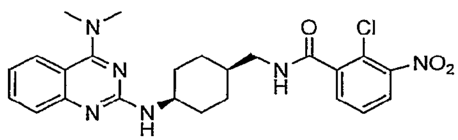
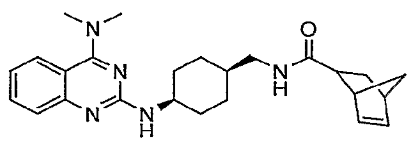
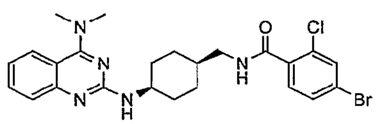
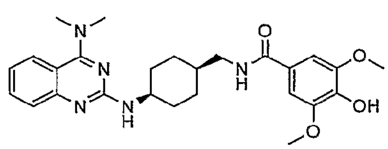
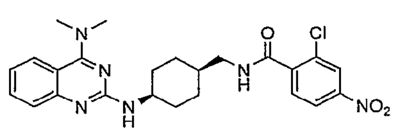
Example No.	Structure	ESI-MS	Retention Time (min)
3071	 CF_3CO_2H	458.2 (M + H)	3.69
3072	 CF_3CO_2H	440.4 (M + H)	3.69
3073	 CF_3CO_2H	440.4 (M + H)	3.66
3074	 CF_3CO_2H	422.4 (M + H)	3.55
3075	 CF_3CO_2H	460.4 (M + H)	4.24
3076	 CF_3CO_2H	429.2 (M + H)	3.42

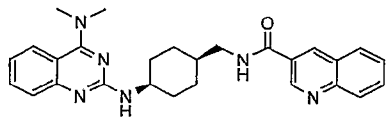
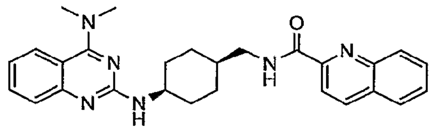
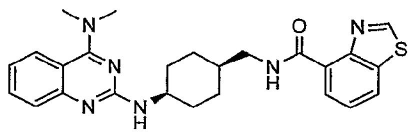
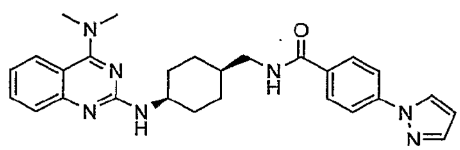
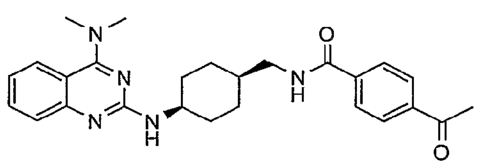
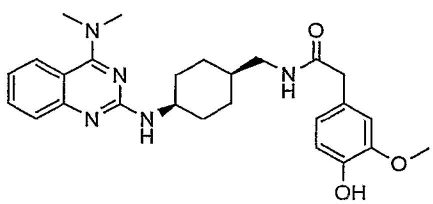
Example No.	Structure	ESI-MS	Retention Time (min)
3077	 CF_3CO_2H	434.4 (M + H)	3.61
3078	 CF_3CO_2H	488.4 (M + H)	3.86
3079	 CF_3CO_2H	518.6 (M + H)	4.74
3080	 CF_3CO_2H	458.2 (M + H)	3.68
3081	 CF_3CO_2H	410.4 (M + H)	3.58
3082	 CF_3CO_2H	540.4 (M + H)	4.19

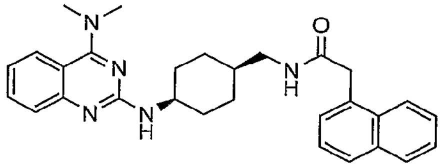
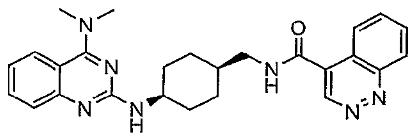
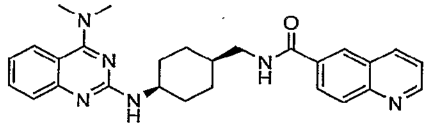
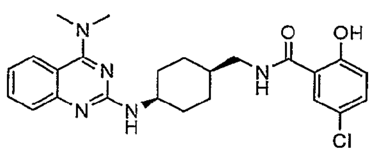
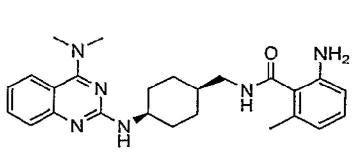
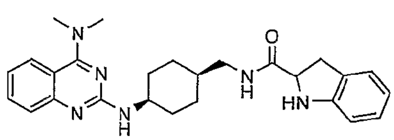
Example No.	Structure	ESI-MS	Retention Time (min)
3083	 CF3CO2H	422.2 (M + H)	3.50
3084	 CF3CO2H	494.4 (M + H)	3.39
3085	 CF3CO2H	440.0 (M + H)	3.55
3086	 CF3CO2H	438.2 (M + H)	3.48
3087	 CF3CO2H	454.2 (M + H)	3.75
3088	 CF3CO2H	472.4 (M + H)	3.83

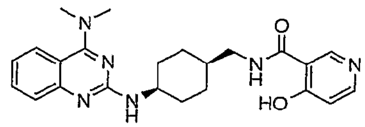
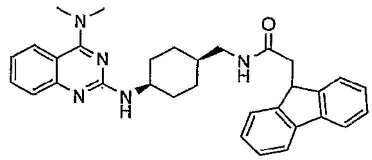
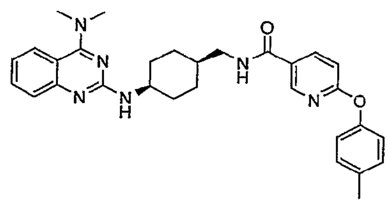
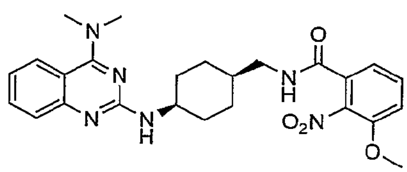
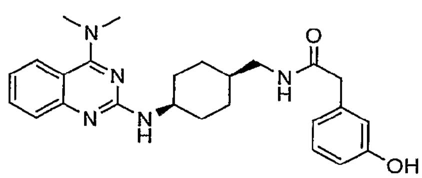
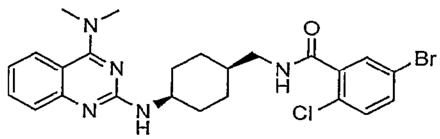
Example No.	Structure	ESI-MS	Retention Time (min)
3089	 CF_3CO_2H	422.2 (M + H)	3.51
3090	 CF_3CO_2H	472.4 (M + H)	3.87
3091	 CF_3CO_2H	500.4 (M + H)	3.03
3092	 $2CF_3CO_2H$	447.4 (M + H)	2.59
3093	 CF_3CO_2H	486.4 (M + H)	3.25
3094	 CF_3CO_2H	488.4 (M + H)	2.81

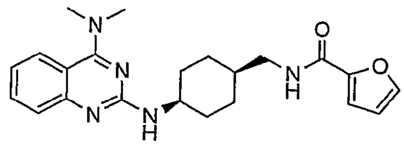
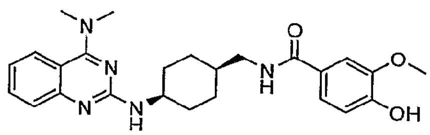
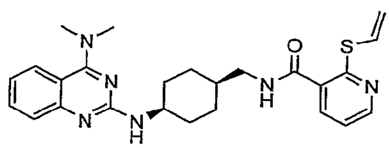
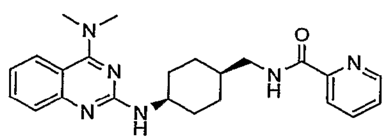
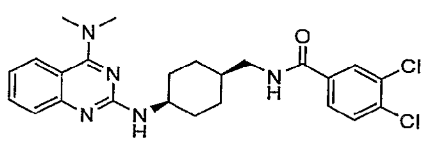
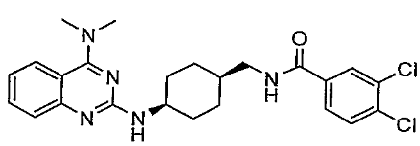
Example No.	Structure	ESI-MS	Retention Time (min)
3095	 CF_3CO_2H	452.4 (M + H)	2.98
3096	 CF_3CO_2H	496.4 (M + H)	3.29
3097	 CF_3CO_2H	448.4 (M + H)	2.77
3098	 CF_3CO_2H	458.4 (M + H)	3.06
3099	 CF_3CO_2H	484.4 (M + H)	3.40
3100	 CF_3CO_2H	418.6 (M + H)	2.69

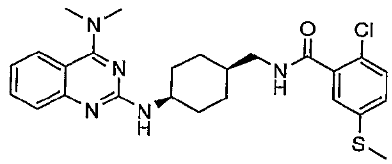
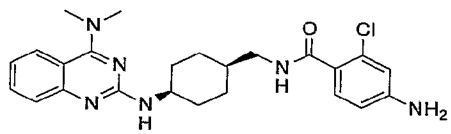
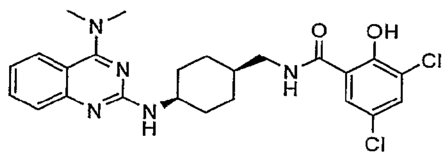
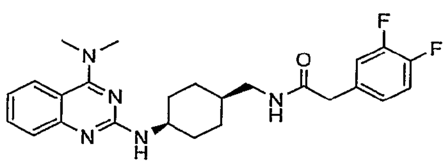
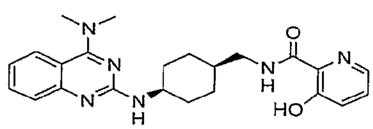
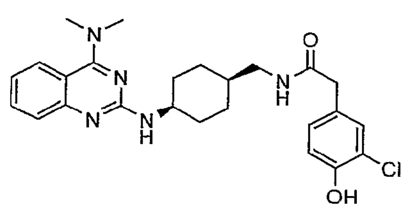
Example No.	Structure	ESI-MS	Retention Time (min)
3101	 2CF_3CO_2H	496.4 (M + H)	3.01
3102	 CF_3CO_2H	483.4 (M + H)	2.79
3103	 CF_3CO_2H	420.4 (M + H)	2.76
3104	 CF_3CO_2H	516.2 (M + H)	3.03
3105	 CF_3CO_2H	480.4 (M + H)	2.41
3106	 CF_3CO_2H	483.2 (M + H)	2.84

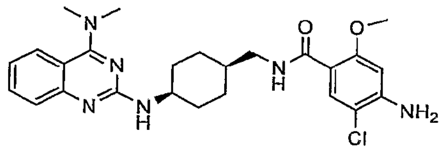
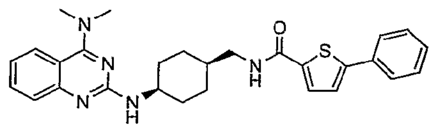
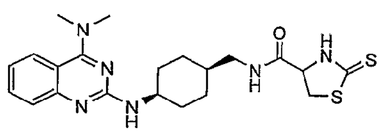
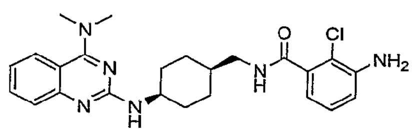
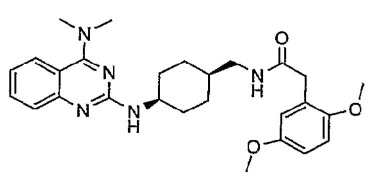
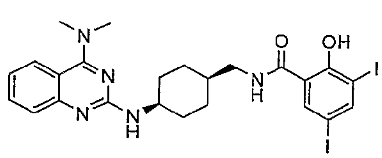
Example No.	Structure	ESI-MS	Retention Time (min)
3107	 2CF$_3$CO$_2$H	455 (M + H)	2.45
3108	 2CF$_3$CO$_2$H	455.2 (M + H)	3.19
3109	 CF$_3$CO$_2$H	461.4 (M + H)	2.60
3110	 2CF$_3$CO$_2$H	470.4 (M + H)	2.74
3111	 CF$_3$CO$_2$H	446.6 (M + H)	2.61
3112	 CF$_3$CO$_2$H	464.4 (M + H)	2.35

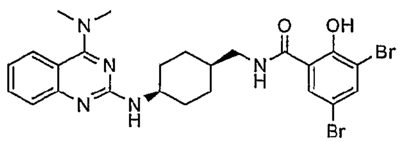
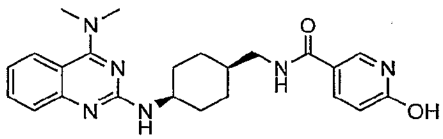
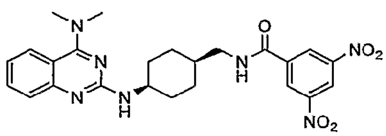
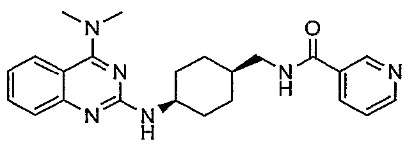
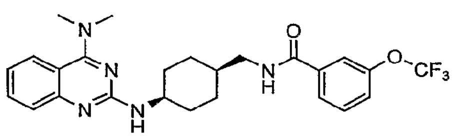
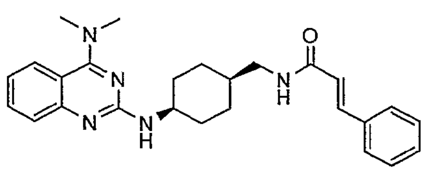
Example No.	Structure	ESI-MS	Retention Time (min)
3113	 CF_3CO_2H	468.4 (M + H)	3.04
3114	 $2CF_3CO_2H$	456.2 (M + H)	2.44
3115	 $2CF_3CO_2H$	455.2 (M + H)	2.11
3116	 CF_3CO_2H	454.2 (M + H)	3.21
3117	 $2CF_3CO_2H$	433.6 (M + H)	2.34
3118	 $2CF_3CO_2H$	444.6 (M+)	2.93

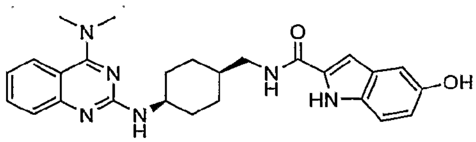
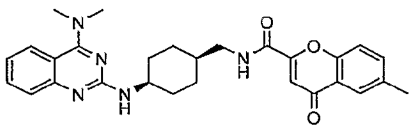
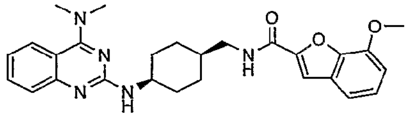
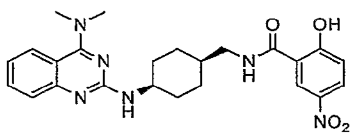
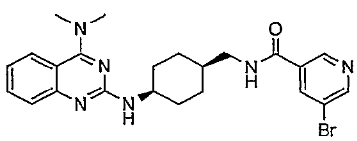
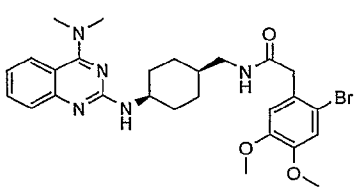
Example No.	Structure	ESI-MS	Retention Time (min)
3119	 2CF_3CO_2H	421.4 (M + H)	2.23
3120	 CF_3CO_2H	506.4 (M + H)	3.31
3121	 2CF_3CO_2H	511.6 (M + H)	3.21
3122	 CF_3CO_2H	479.4 (M + H)	3.60
3123	 CF_3CO_2H	434.4 (M + H)	2.37
3124	 CF_3CO_2H	516.4 (M + H)	3.02

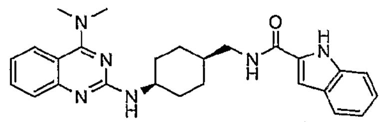
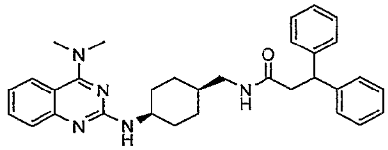
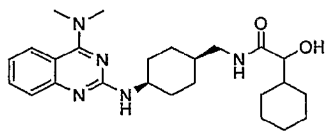
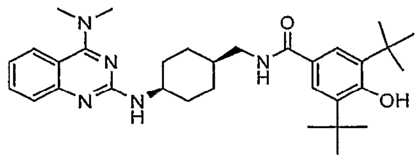
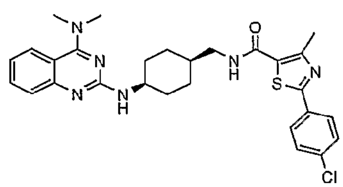
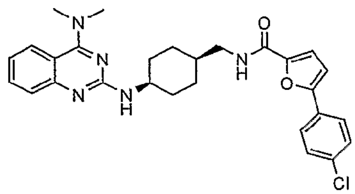
Example No.	Structure	ESI-MS	Retention Time (min)
3125	 CF_3CO_2H	394.4 (M + H)	2.45
3126	 CF_3CO_2H	450.2 (M + H)	2.41
3127	 $2CF_3CO_2H$	477.0 (M + H)	2.88
3128	 $2CF_3CO_2H$	405.6 (M + H)	2.61
3129	 CF_3CO_2H	472.6 (M + H)	3.17
3130	 CF_3CO_2H	464.4 (M + H)	2.59

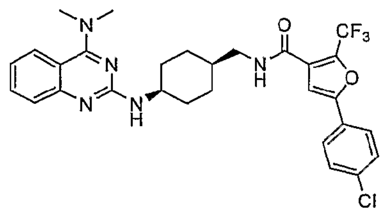
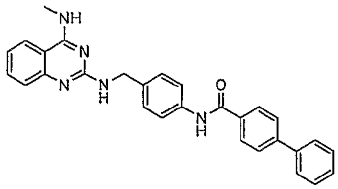
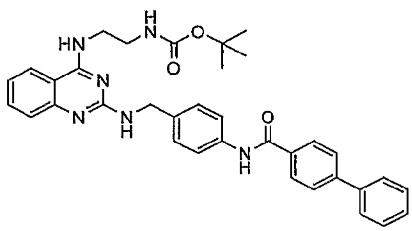
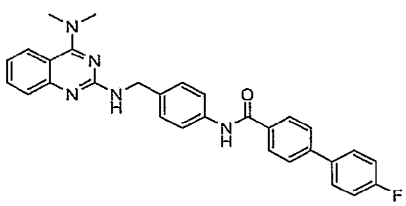
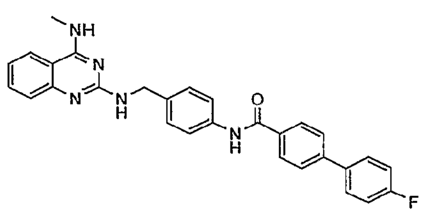
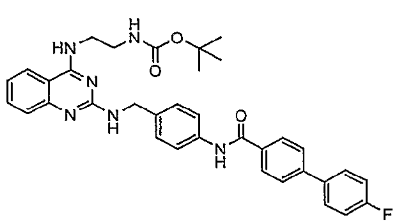
Example No.	Structure	ESI-MS	Retention Time (min)
3131	 CF$_3$CO$_2$H	484.2 (M + H)	2.99
3132	 2CF$_3$CO$_2$H	453.0 (M + H)	2.45
3133	 CF$_3$CO$_2$H	488.4 (M + H)	3.59
3134	 CF$_3$CO$_2$H	454.2 (M + H)	2.81
3135	 2CF$_3$CO$_2$H	421.4 (M + H)	2.89
3136	 CF$_3$CO$_2$H	468.4 (M + H)	2.53

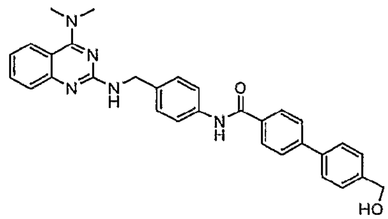
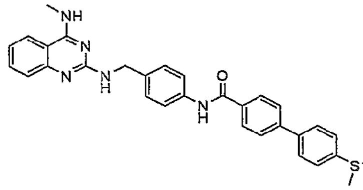
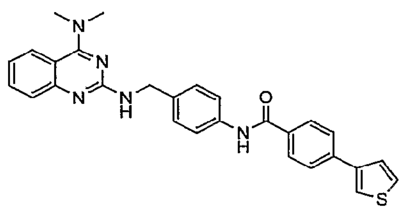
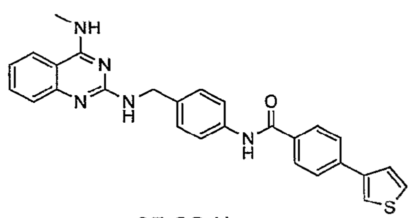
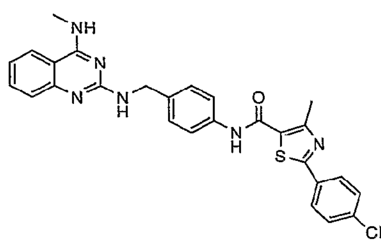
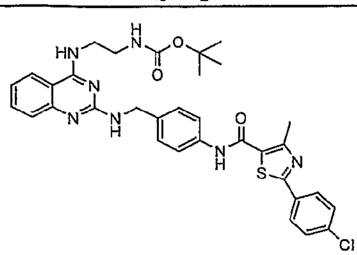
Example No.	Structure	ESI-MS	Retention Time (min)
3137	 2CF$_3$CO$_2$H	483.2 (M + H)	2.83
3138	 CF$_3$CO$_2$H	487.4 (M+2H+)	3.40
3139	 CF$_3$CO$_2$H	445.6 (M + H)	2.36
3140	 2CF$_3$CO$_2$H	453.2 (M + H)	2.46
3141	 CF$_3$CO$_2$H	478.4 (M + H)	2.77
3142	 CF$_3$CO$_2$H	672.2 (M + H)	3.92

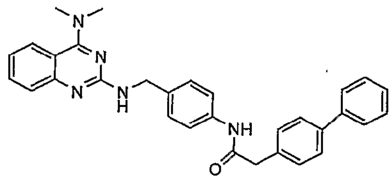
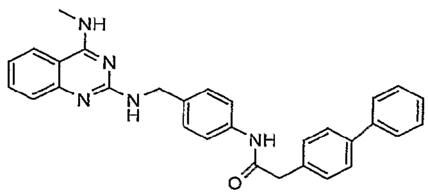
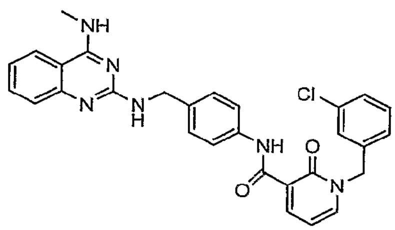
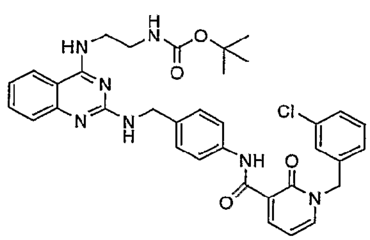
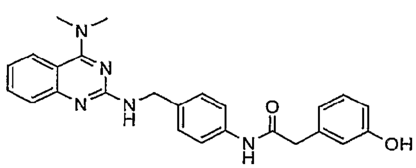
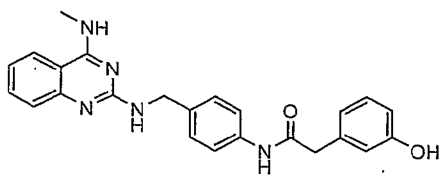
Example No.	Structure	ESI-MS	Retention Time (min)
3143	 CF_3CO_2H	576.2 (M + H)	3.71
3144	 $2CF_3CO_2H$	421.2 (M + H)	2.01
3145	 CF_3CO_2H	494.4 (M + H)	2.77
3146	 $2CF_3CO_2H$	405.6 (M + H)	1.99
3147	 CF_3CO_2H	488.4 (M + H)	3.13
3148	 CF_3CO_2H	430.4 (M + H)	2.91

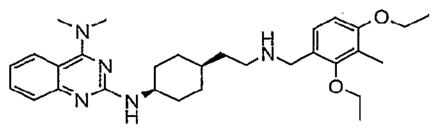
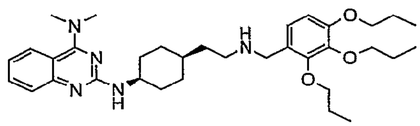
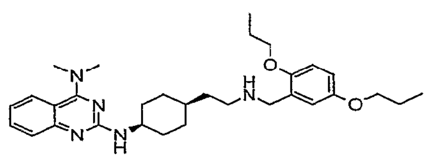
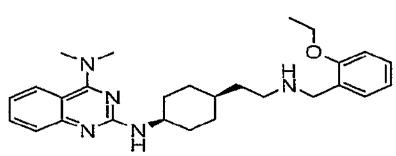
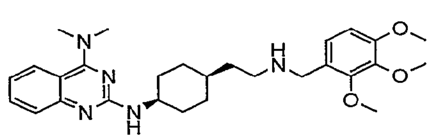
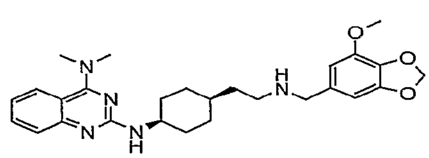
Example No.	Structure	ESI-MS	Retention Time (min)
3149	 2CF_3CO_2H	459.4 (M + H)	2.47
3150	 CF_3CO_2H	486.6 (M + H)	2.93
3151	 CF_3CO_2H	474.4 (M + H)	3.03
3152	 CF_3CO_2H	465.2 (M + H)	3.13
3153	 2CF_3CO_2H	483.4 (M + H)	2.67
3154	 CF_3CO_2H	556.4 (M + H)	2.84

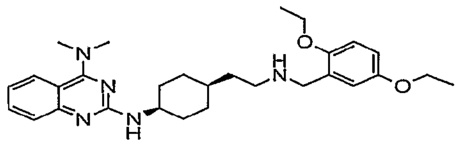
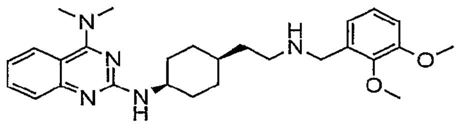
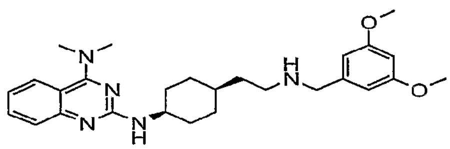
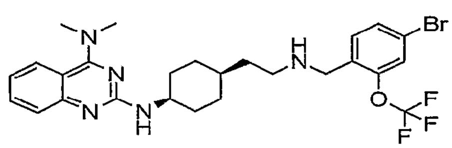
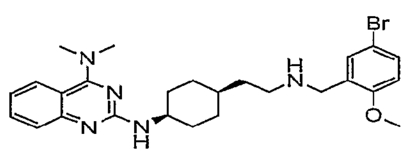
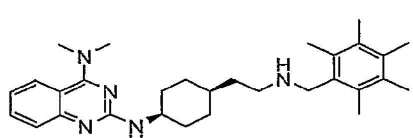
Example No.	Structure	ESI-MS	Retention Time (min)
3155	 $2CF_3CO_2H$	443.4 (M + H)	2.94
3156	 CF_3CO_2H	508.2 (M + H)	3.20
3157	 CF_3CO_2H	440.0 (M + H)	2.72
3158	 CF_3CO_2H	532.4 (M + H)	3.58
3159	 CF_3CO_2H	535.4 (M + H)	3.51
3160	 CF_3CO_2H	504.4 (M + H)	3.49

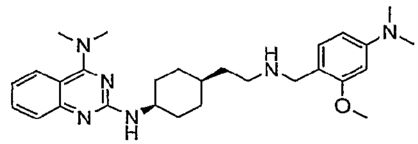
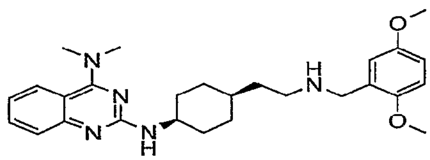
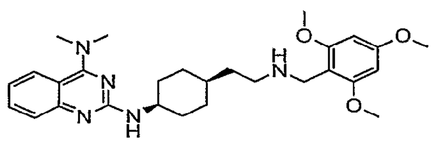
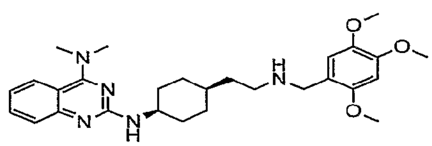
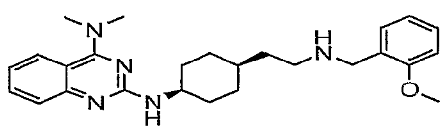
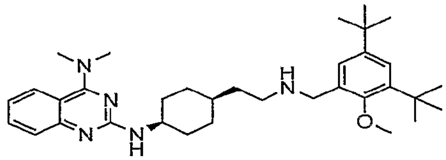
Example No.	Structure	ESI-MS	Retention Time (min)
3161	 CF_3CO_2H	572.4 (M + H)	3.71
3162	 CF_3CO_2H	460.2 (M + H)	3.80
3163	 CF_3CO_2H	589.2 (M + H)	4.00
3164	 CF_3CO_2H	492.2 (M + H)	3.90
3165	 CF_3CO_2H	478.2 (M + H)	3.80
3166	 CF_3CO_2H	607.6 (M + H)	4.00

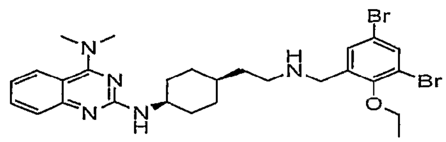
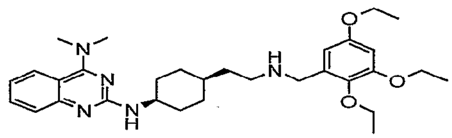
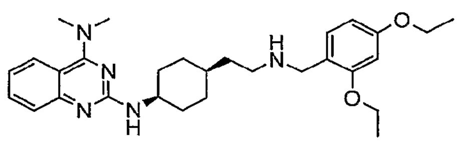
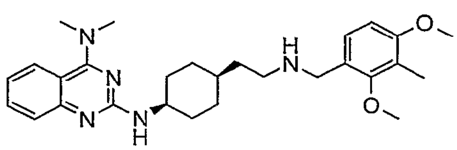
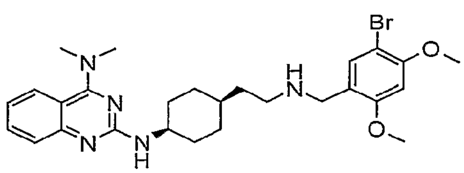
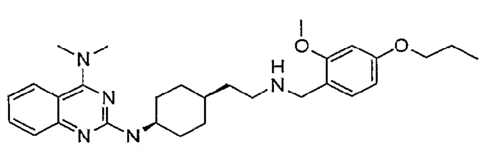
Example No.	Structure	ESI-MS	Retention Time (min)
3167	 CF_3CO_2H	504.2 (M + H)	3.40
3168	 CF_3CO_2H	506.2 (M + H)	3.90
3169	 CF_3CO_2H	480.2 (M + H)	3.80
3170	 CF_3CO_2H	466.2 (M + H)	3.70
3171	 CF_3CO_2H	515.2 (M + H)	3.90
3172	 CF_3CO_2H	644.2 (M + H)	4.10

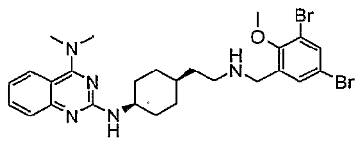
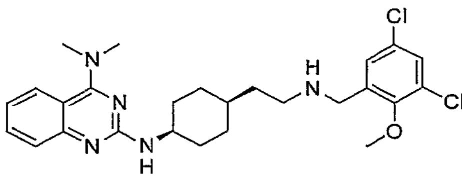
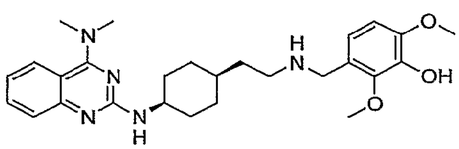
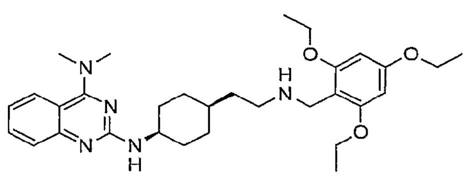
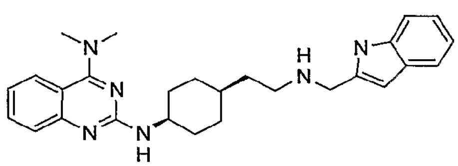
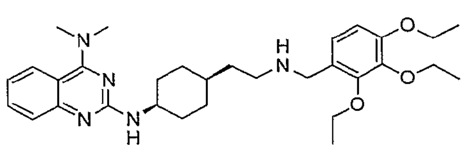
Example No.	Structure	ESI-MS	Retention Time (min)
3173	 CF$_3$CO$_2$H	488.2 (M + H)	3.90
3174	 CF$_3$CO$_2$H	474.4 (M + H)	3.80
3175	 CF$_3$CO$_2$H	525.4 (M + H)	3.70
3176	 CF$_3$CO$_2$H	654.2 (M + H)	3.90
3177	 CF$_3$CO$_2$H	428.2 (M + H)	3.10
3178	 CF$_3$CO$_2$H	414.4 (M + H)	2.90

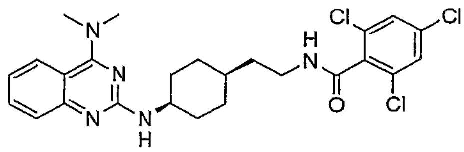
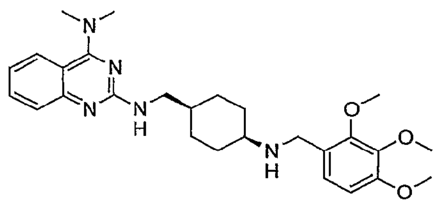
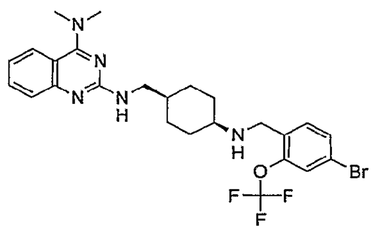
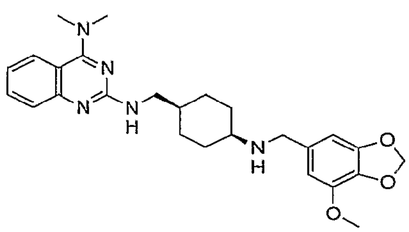
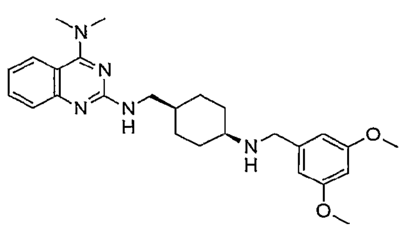
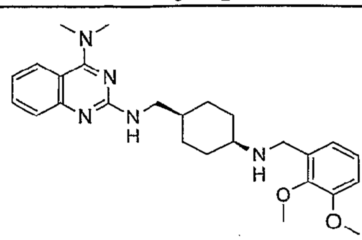
Example No.	Structure	ESI-MS	Retention Time (min)
3179	 2CF_3CO_2H	506.4 (M + H)	3.04
3180	 2CF_3CO_2H	578.8 (M + H)	3.50
3181	 2CF_3CO_2H	520.6 (M + H)	3.19
3182	 2CF_3CO_2H	448.4 (M + H)	2.80
3183	 2CF_3CO_2H	494.6 (M + H)	2.66
3184	 2CF_3CO_2H	478.4 (M + H)	2.66

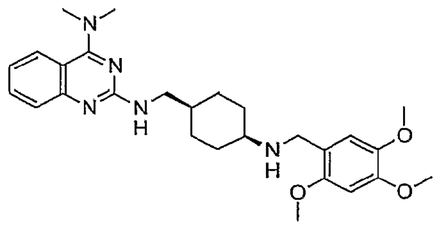
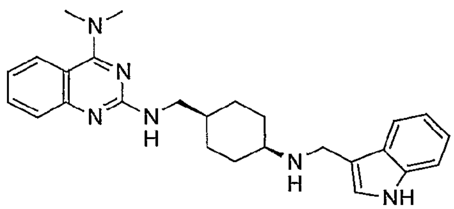
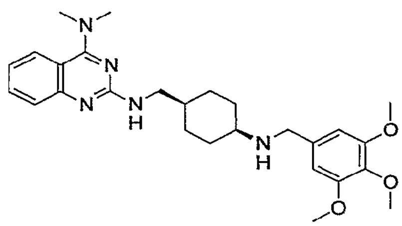
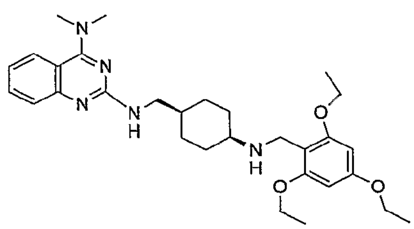
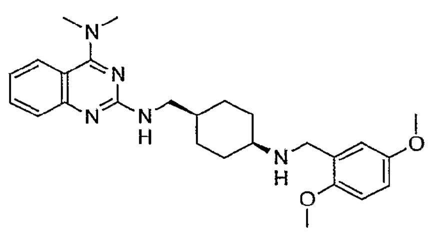
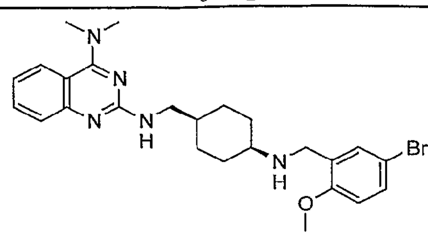
Example No.	Structure	ESI-MS	Retention Time (min)
3185	 2CF$_3$CO$_2$H	492.6 (M + H)	2.94
3186	 2CF$_3$CO$_2$H	464.4 (M + H)	2.65
3187	 2CF$_3$CO$_2$H	464.4 (M + H)	2.68
3188	 2CF$_3$CO$_2$H	566.4 (M + H)	3.03
3189	 2CF$_3$CO$_2$H	512.6 (M + H)	2.85
3190	 2CF$_3$CO$_2$H	474.4 (M + H)	3.09

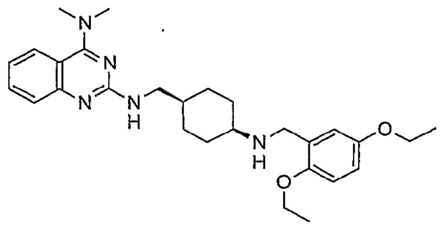
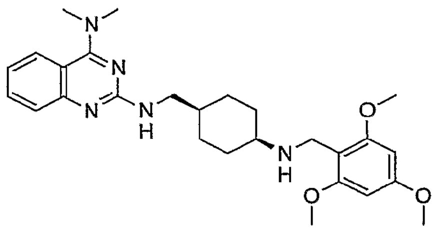
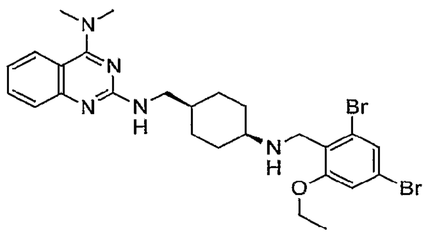
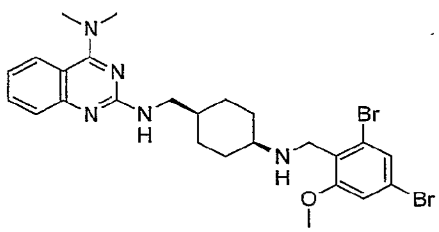
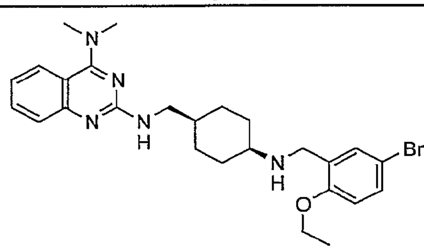
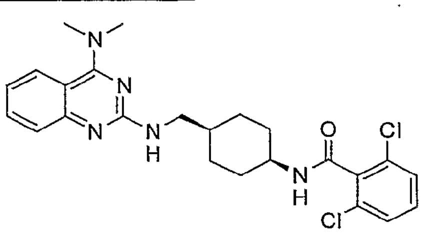
Example No.	Structure	ESI-MS	Retention Time (min)
3191	 $3CF_3CO_2H$	477.4 (M + H)	2.51
3192	 $2CF_3CO_2H$	464.4 (M + H)	2.67
3193	 $2CF_3CO_2H$	494.6 (M + H)	2.78
3194	 $2CF_3CO_2H$	494.6 (M + H)	2.60
3195	 $2CF_3CO_2H$	434.6 (M + H)	2.67
3196	 $2CF_3CO_2H$	546.4 (M + H)	4.30

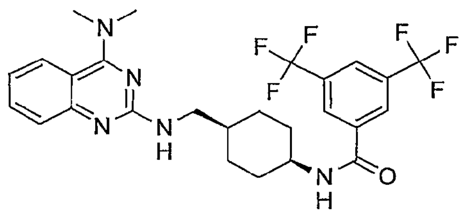
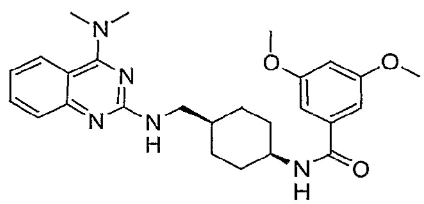
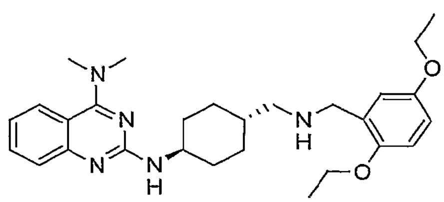
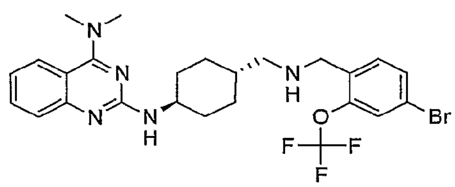
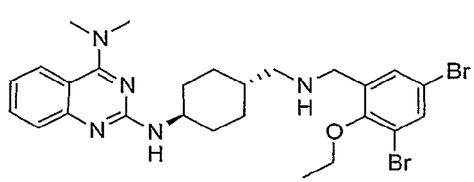
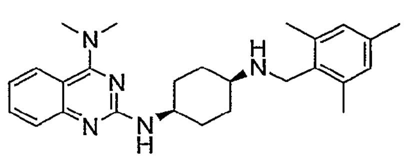
Example No.	Structure	ESI-MS	Retention Time (min)
3197	 $2CF_3CO_2H$	606.6 (M + H)	3.95
3198	 $2CF_3CO_2H$	536.6 (M + H)	3.83
3199	 $2CF_3CO_2H$	492.4 (M + H)	2.97
3200	 $2CF_3CO_2H$	478.4 (M + H)	2.79
3201	 $2CF_3CO_2H$	542.0 (M + H)	2.85
3202	 $2CF_3CO_2H$	492.6 (M + H)	2.81

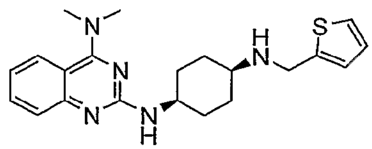
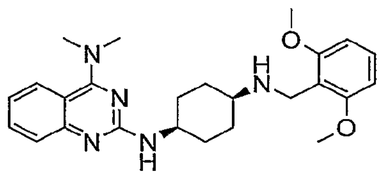
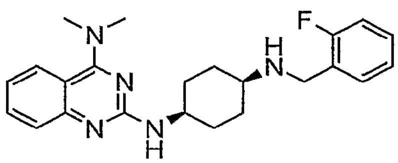
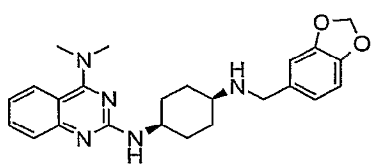
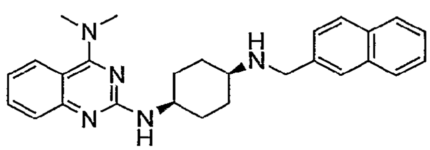
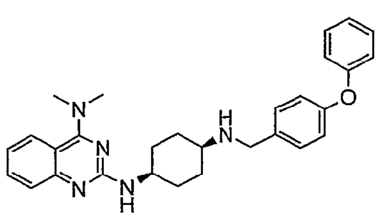
Example No.	Structure	ESI-MS	Retention Time (min)
3203	 2CF_3CO_2H	590.4 (M + H)	3.02
3204	 2CF_3CO_2H	502.2 (M + H)	2.91
3205	 2CF_3CO_2H	480.4 (M + H)	2.51
3206	 2CF_3CO_2H	536.4 (M + H)	3.21
3207	 3CF_3CO_2H	443.6 (M + H)	2.66
3208	 2CF_3CO_2H	536.4 (M + H)	3.08

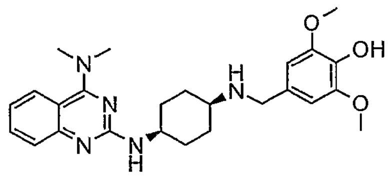
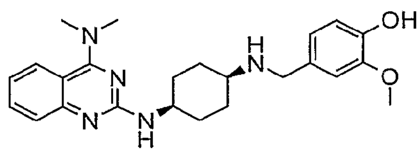
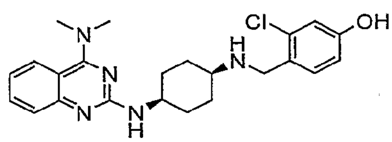
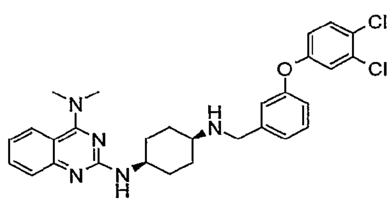
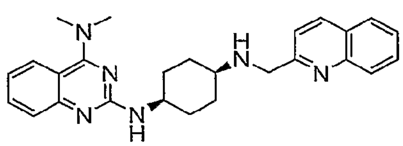
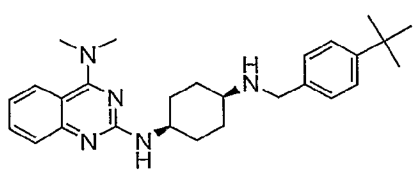
Example No.	Structure	ESI-MS	Retention Time (min)
3209	 $2CF_3CO_2H$	520.0 (M + H)	3.51
3210	 $2CF_3CO_2H$	480.4 (M + H)	2.58
3211	 $2CF_3CO_2H$	552.0 (M + H)	3.11
3212	 $2CF_3CO_2H$	464.4 (M + H)	3.22
3213	 $2CF_3CO_2H$	450.4 (M + H)	2.70
3214	 $2CF_3CO_2H$	450.4 (M + H)	2.58

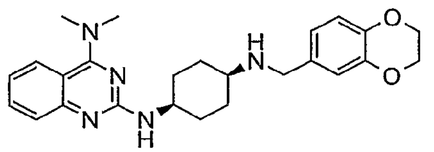
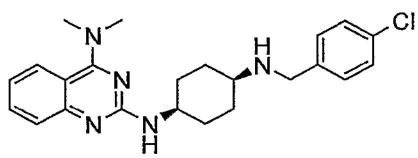
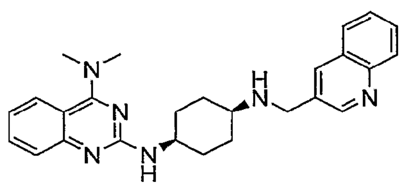
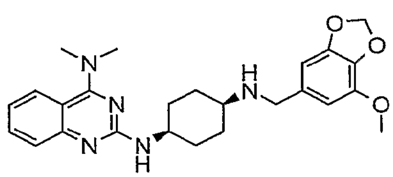
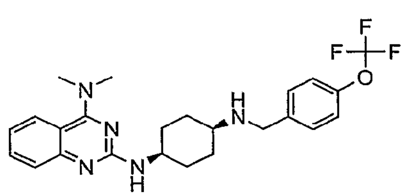
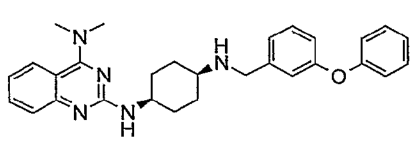
Example No.	Structure	ESI-MS	Retention Time (min)
3215	 $2CF_3CO_2H$	480.4 (M + H)	2.73
3216	 $3CF_3CO_2H$	429.4 (M + H)	3.29
3217	 $2CF_3CO_2H$	480.2 (M + H)	2.78
3218	 $2CF_3CO_2H$	522.4 (M + H)	3.77
3219	 $2CF_3CO_2H$	450.2 (M + H)	2.57
3220	 $2CF_3CO_2H$	498.0 (M + H)	2.97

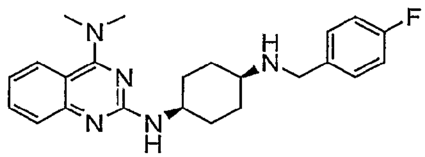
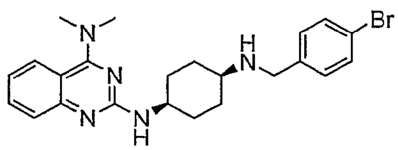
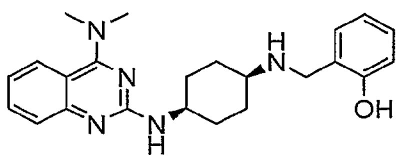
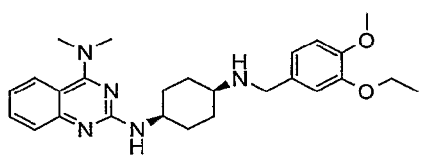
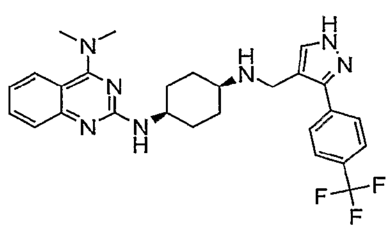
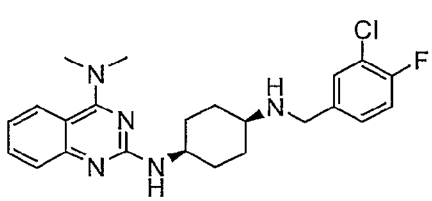
Example No.	Structure	ESI-MS	Retention Time (min)
3221	 2CF_3CO_2H	478.4 (M + H)	3.17
3222	 2CF_3CO_2H	480.0 (M + H)	3.08
3223	 2CF_3CO_2H	590.2 (M + H)	4.20
3224	 2CF_3CO_2H	576.4 (M + H)	3.95
3225	 2CF_3CO_2H	512.4 (M + H)	3.86
3226	 CF_3CO_2H	472.4 (M + H)	3.07

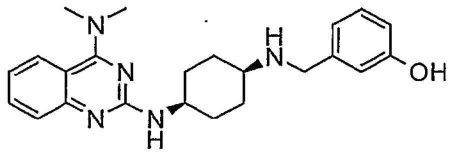
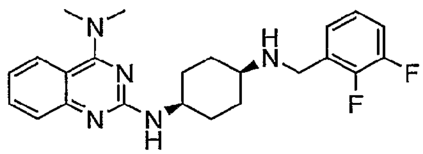
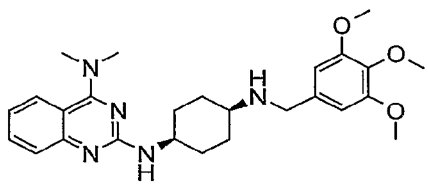
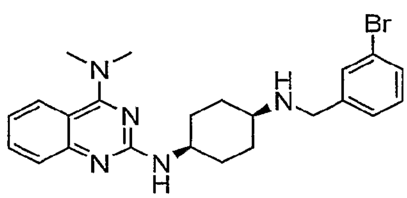
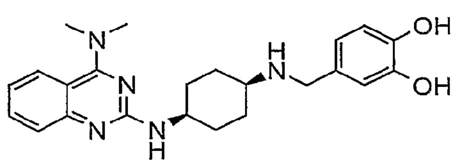
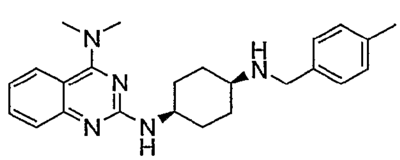
Example No.	Structure	ESI-MS	Retention Time (min)
3227	 CF_3CO_2H	540.6 (M + H)	3.75
3228	 CF_3CO_2H	464.4 (M + H)	3.07
3229	 $2CF_3CO_2H$	478.4 (M + H)	3.40
3230	 $2CF_3CO_2H$	552.6 (M + H)	3.50
3231	 $2CF_3CO_2H$	590.2 (M + H)	3.60
3232	 $2CF_3CO_2H$	418.6 (M + H)	3.25

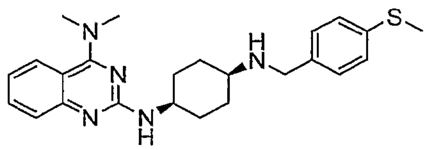
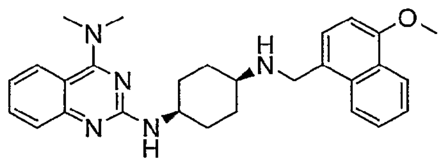
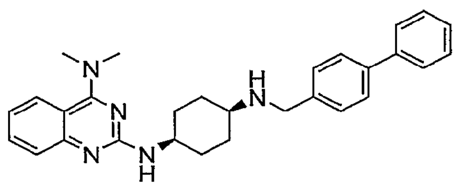
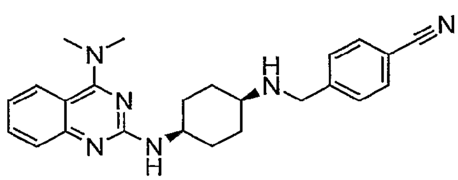
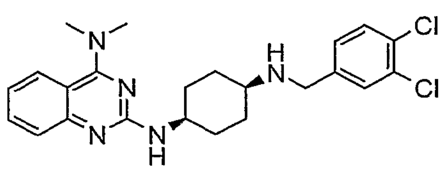
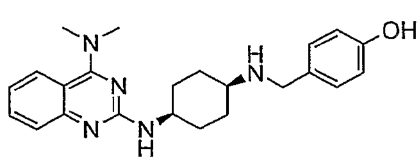
Example No.	Structure	ESI-MS	Retention Time (min)
3233	 $2CF_3CO_2H$	382.2 (M + H)	2.67
3234	 $2CF_3CO_2H$	436.4 (M + H)	3.05
3235	 $2CF_3CO_2H$	394.4 (M + H)	2.75
3236	 $2CF_3CO_2H$	420.4 (M + H)	2.82
3237	 $2CF_3CO_2H$	426.4 (M + H)	3.17
3238	 $2CF_3CO_2H$	468.4 (M + H)	3.44

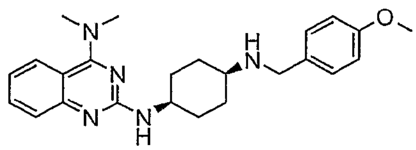
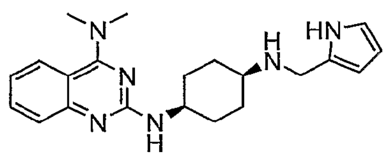
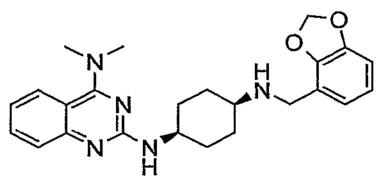
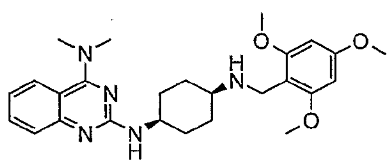
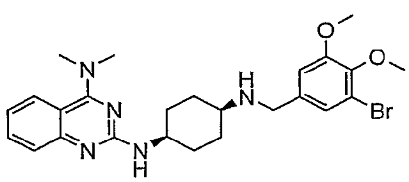
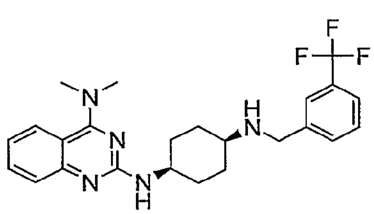
Example No.	Structure	ESI-MS	Retention Time (min)
3239	 2CF_3CO_2H	452.2 (M + H)	2.69
3240	 2CF_3CO_2H	436.4 (M + H)	2.80
3241	 2CF_3CO_2H	426.2 (M + H)	2.79
3242	 2CF_3CO_2H	536.4 (M + H)	3.75
3243	 3CF_3CO_2H	427.2 (M + H)	2.95
3244	 2CF_3CO_2H	432.4 (M + H)	3.41

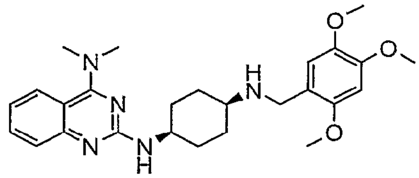
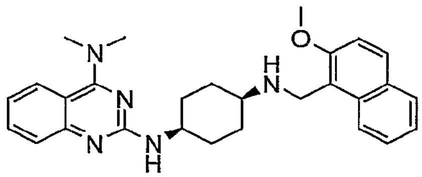
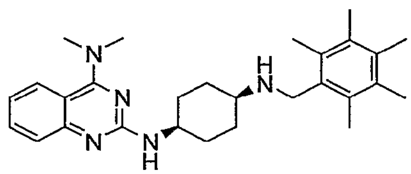
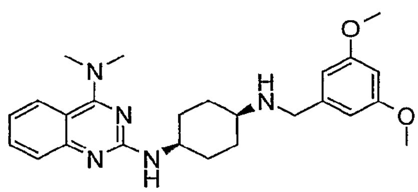
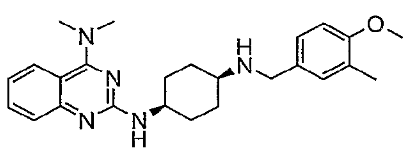
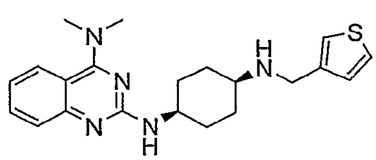
Example No.	Structure	ESI-MS	Retention Time (min)
3245	 $2CF_3CO_2H$	434.2 (M + H)	2.84
3246	 $2CF_3CO_2H$	410.2 (M + H)	3.02
3247	 $3CF_3CO_2H$	427.4 (M + H)	2.61
3248	 $2CF_3CO_2H$	450.4 (M + H)	2.91
3249	 $2CF_3CO_2H$	460.4 (M + H)	3.19
3250	 $2CF_3CO_2H$	468.4 (M + H)	2.79

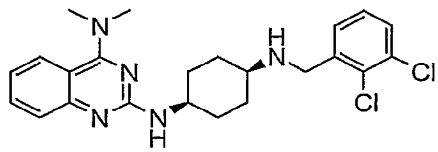
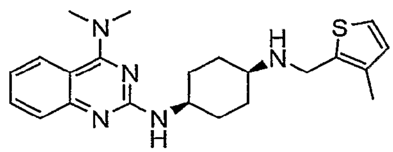
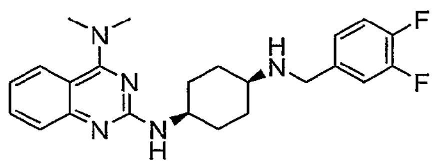
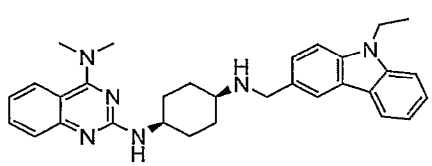
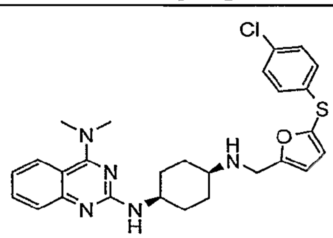
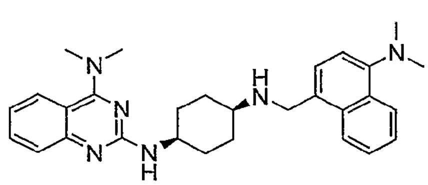
Example No.	Structure	ESI-MS	Retention Time (min)
3251	 $2CF_3CO_2H$	394.4 (M + H)	2.83
3252	 $2CF_3CO_2H$	454.2 (M + H)	3.08
3253	 $2CF_3CO_2H$	392.4 (M + H)	2.73
3254	 $2CF_3CO_2H$	450.4 (M + H)	2.92
3255	 $3CF_3CO_2H$	510.4 (M + H)	3.17
3256	 $2CF_3CO_2H$	428.2 (M + H)	3.08

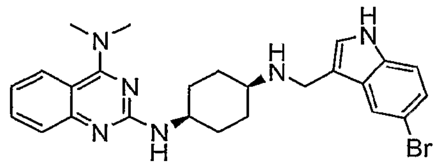
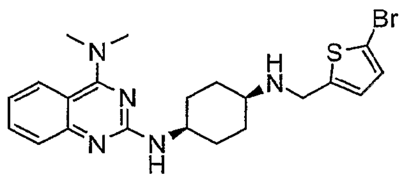
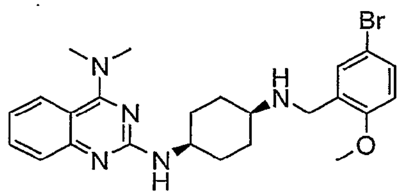
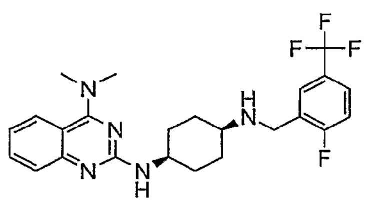
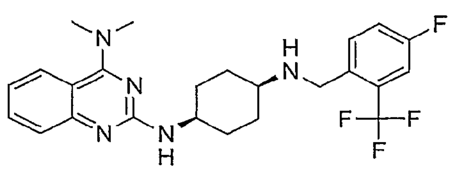
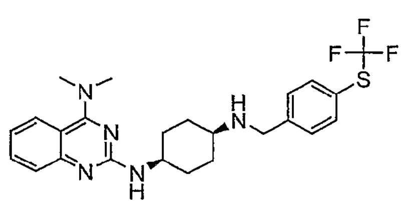
Example No.	Structure	ESI-MS	Retention Time (min)
3257	 $2CF_3CO_2H$	392.4 (M + H)	2.63
3258	 $2CF_3CO_2H$	412.2 (M + H)	2.83
3259	 $2CF_3CO_2H$	466.4 (M + H)	2.89
3260	 $2CF_3CO_2H$	454.0 (M + H)	3.05
3261	 $2CF_3CO_2H$	408.2 (M + H)	2.53
3262	 $2CF_3CO_2H$	390.4 (M + H)	2.92

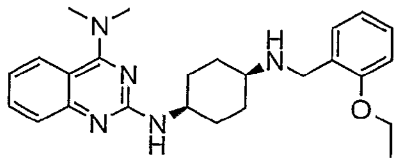
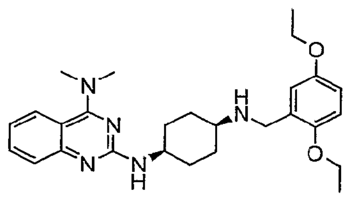
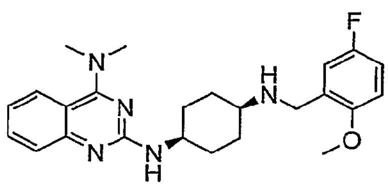
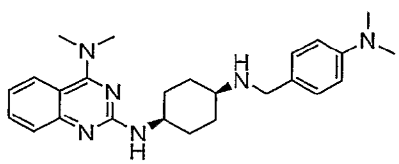
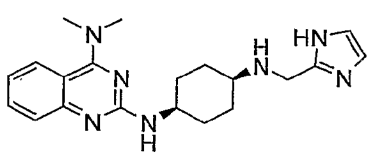
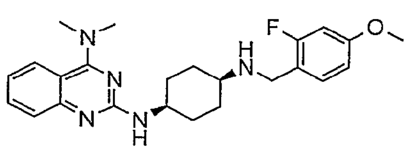
Example No.	Structure	ESI-MS	Retention Time (min)
3263	 $2CF_3CO_2H$	422.2 (M + H)	3.05
3264	 $2CF_3CO_2H$	456.4 (M + H)	3.25
3265	 $2CF_3CO_2H$	452.2 (M + H)	3.37
3266	 $2CF_3CO_2H$	401.2 (M + H)	2.76
3267	 $2CF_3CO_2H$	444.4 (M + H)	3.17
3268	 $2CF_3CO_2H$	392.4 (M + H)	2.61

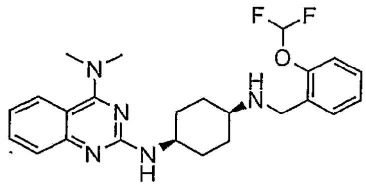
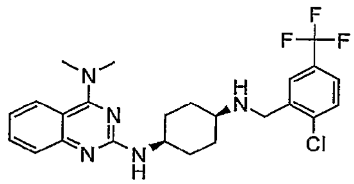
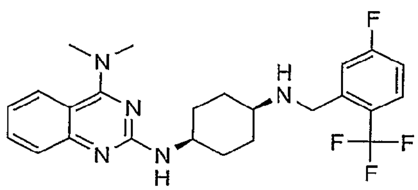
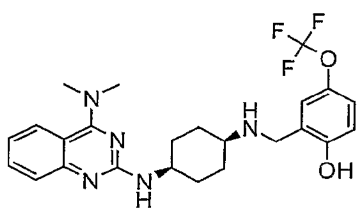
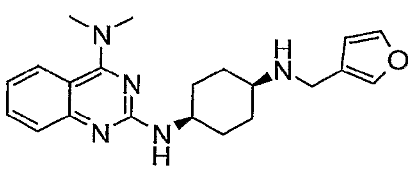
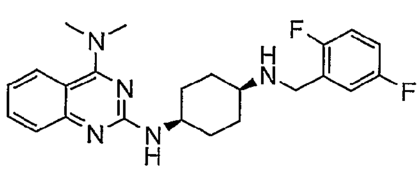
Example No.	Structure	ESI-MS	Retention Time (min)
3269	 $2CF_3CO_2H$	406.4 (M + H)	2.86
3270	 $3CF_3CO_2H$	365.4 (M + H)	2.61
3271	 $2CF_3CO_2H$	420.4 (M + H)	2.83
3272	 $2CF_3CO_2H$	466.4 (M + H)	3.10
3273	 $2CF_3CO_2H$	514.4 (M + H)	3.13
3274	 $2CF_3CO_2H$	444.4 (M + H)	3.17

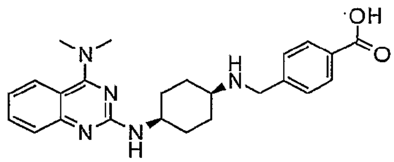
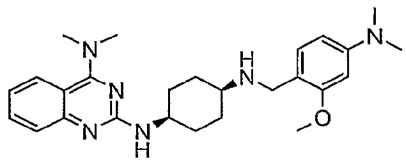
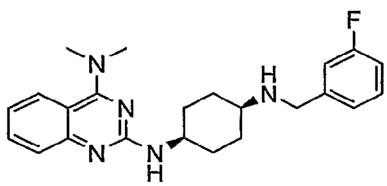
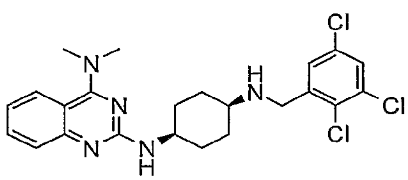
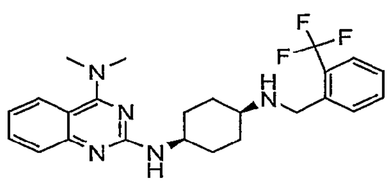
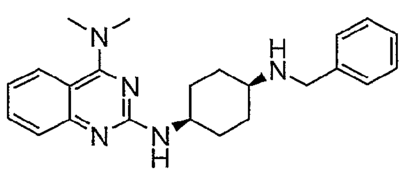
Example No.	Structure	ESI-MS	Retention Time (min)
3275	 2CF_3CO_2H	466.4 (M + H)	2.86
3276	 2CF_3CO_2H	456.2 (M + H)	3.22
3277	 2CF_3CO_2H	446.6 (M + H)	3.45
3278	 2CF_3CO_2H	436.4 (M + H)	2.95
3279	 2CF_3CO_2H	420.2 (M + H)	3.03
3280	 2CF_3CO_2H	382.4 (M + H)	2.72

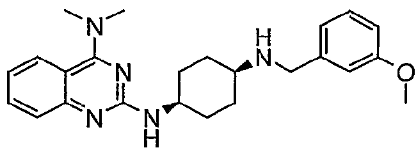
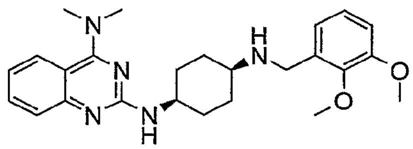
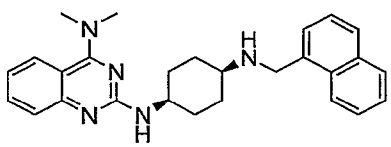
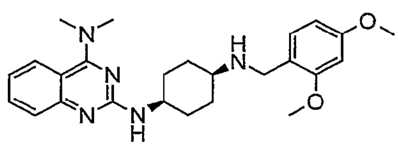
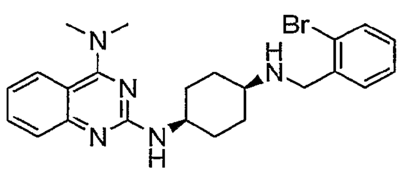
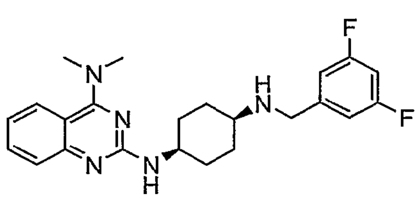
Example No.	Structure	ESI-MS	Retention Time (min)
3281	 $2CF_3CO_2H$	444.4 (M + H)	3.07
3282	 $2CF_3CO_2H$	396.2 (M + H)	2.79
3283	 $2CF_3CO_2H$	412.4 (M + H)	2.95
3284	 $32CF_3CO_2H$	493.4 (M + H)	3.57
3285	 $2CF_3CO_2H$	508.2 (M + H)	3.52
3286	 $2CF_3CO_2H$	469.6 (M + H)	2.76

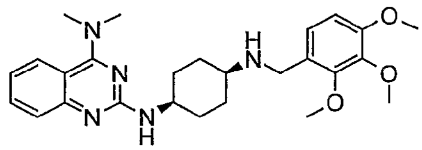
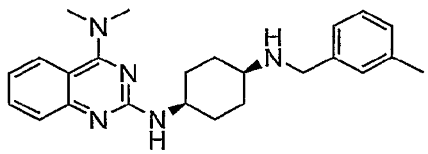
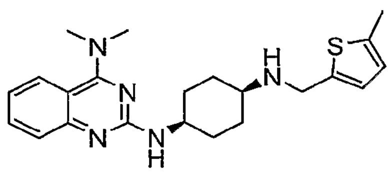
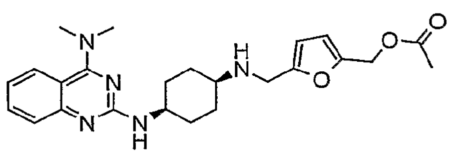
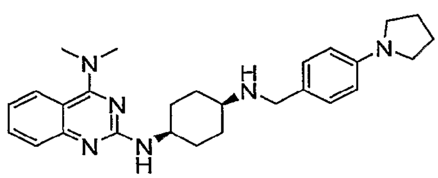
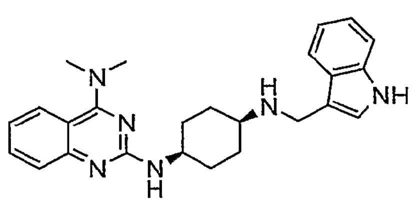
Example No.	Structure	ESI-MS	Retention Time (min)
3287	 $3CF_3CO_2H$	493.2 (M + H)	3.17
3288	 $2CF_3CO_2H$	460.2 (M + H)	2.95
3289	 $2CF_3CO_2H$	484.2 (M + H)	3.14
3290	 $2CF_3CO_2H$	462.2 (M + H)	3.11
3291	 $2CF_3CO_2H$	462.2 (M + H)	3.11
3292	 $2CF_3CO_2H$	476.4 (M + H)	3.39

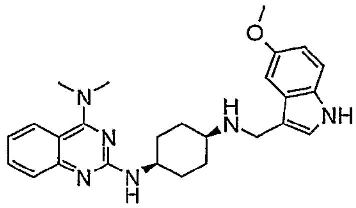
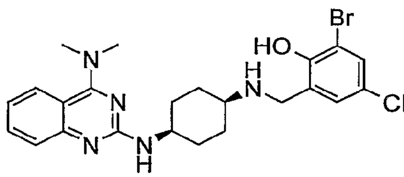
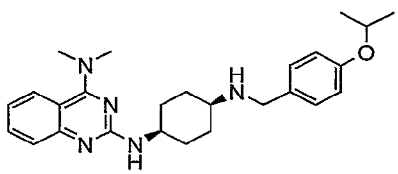
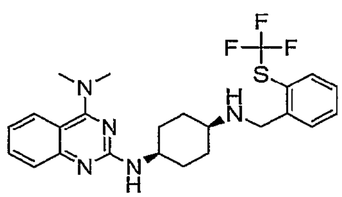
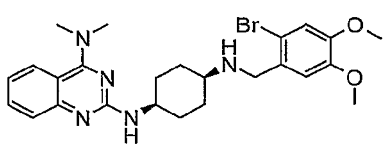
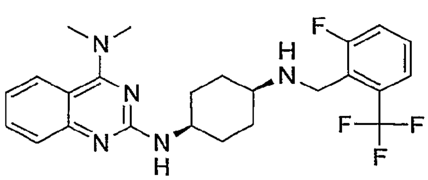
Example No.	Structure	ESI-MS	Retention Time (min)
3293	 $2CF_3CO_2H$	420.4 (M + H)	3.05
3294	 $2CF_3CO_2H$	464.2 (M + H)	3.21
3295	 $2CF_3CO_2H$	424.2 (M + H)	2.94
3296	 $3CF_3CO_2H$	419.4 (M + H)	2.51
3297	 $3CF_3CO_2H$	366.4 (M + H)	2.26
3298	 $2CF_3CO_2H$	424.2 (M + H)	2.93

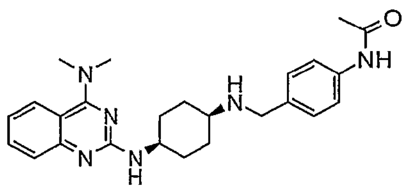
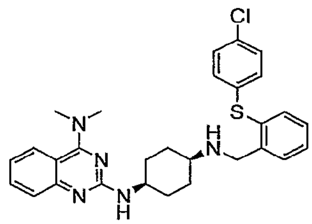
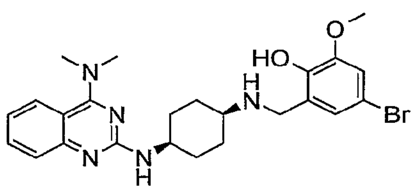
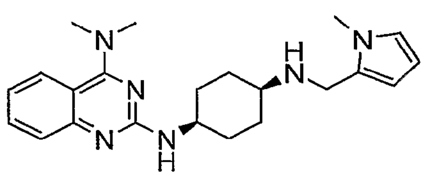
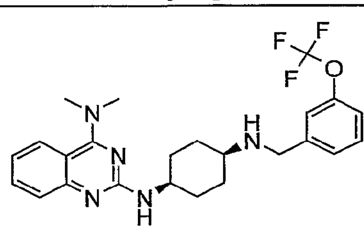
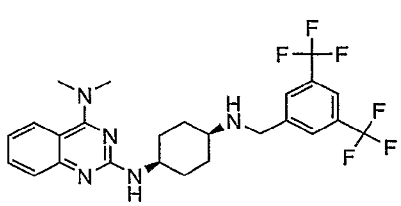
Example No.	Structure	ESI-MS	Retention Time (min)
3299	 $2CF_3CO_2H$	442.4 (M + H)	2.97
3300	 $2CF_3CO_2H$	478.2 (M + H)	3.19
3301	 $2CF_3CO_2H$	462.2 (M + H)	3.05
3302	 $2CF_3CO_2H$	476.4 (M + H)	3.20
3303	 $2CF_3CO_2H$	366.4 (M + H)	2.64
3304	 $2CF_3CO_2H$	412.4 (M + H)	2.85

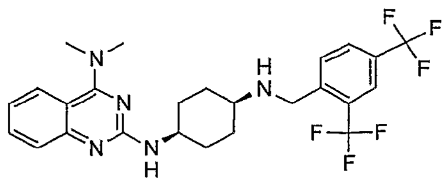
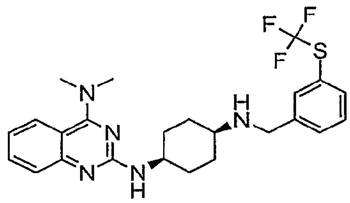
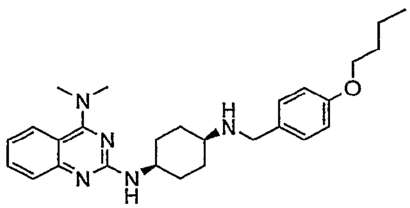
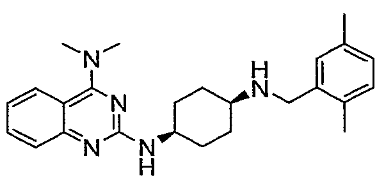
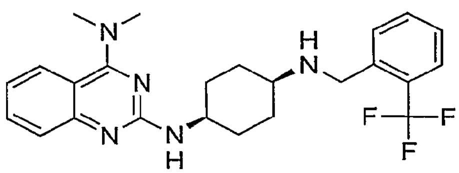
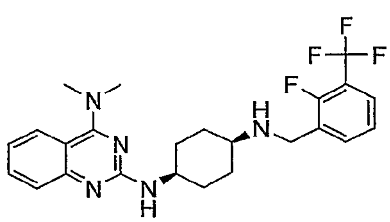
Example No.	Structure	ESI-MS	Retention Time (min)
3305	 $2CF_3CO_2H$	420.4 (M + H)	2.67
3306	 $3CF_3CO_2H$	449.4 (M + H)	2.74
3307	 $2CF_3CO_2H$	394.4 (M + H)	2.86
3308	 $2CF_3CO_2H$	478.2 (M + H)	3.38
3309	 $2CF_3CO_2H$	444.4 (M + H)	3.09
3310	 $2CF_3CO_2H$	376.4 (M + H)	2.82

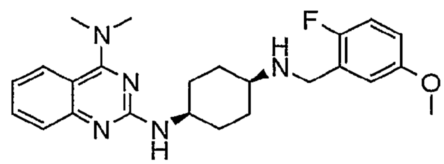
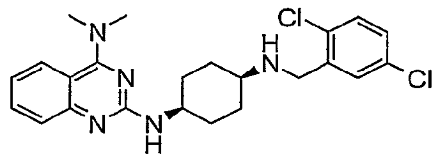
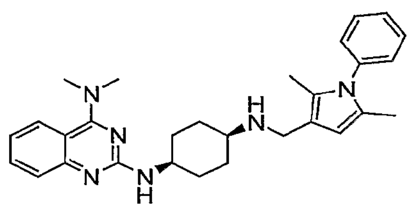
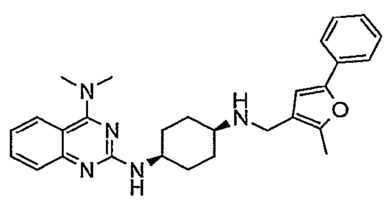
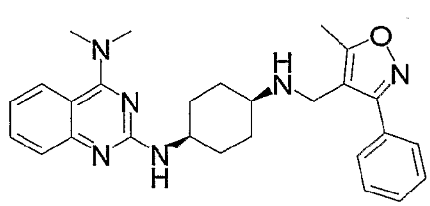
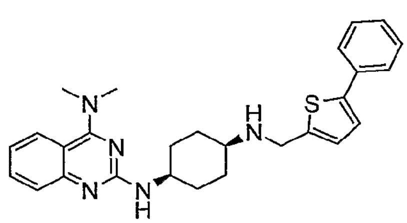
Example No.	Structure	ESI-MS	Retention Time (min)
3311	 2CF$_3$CO$_2$H	406.4 (M + H)	2.87
3312	 2CF$_3$CO$_2$H	436.4 (M + H)	2.91
3313	 2CF$_3$CO$_2$H	426.2 (M + H)	3.13
3314	 2CF$_3$CO$_2$H	436.4 (M + H)	2.99
3315	 2CF$_3$CO$_2$H	454.0 (M + H)	2.97
3316	 2CF$_3$CO$_2$H	412.4 (M + H)	2.92

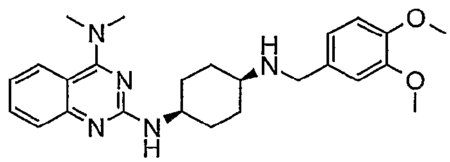
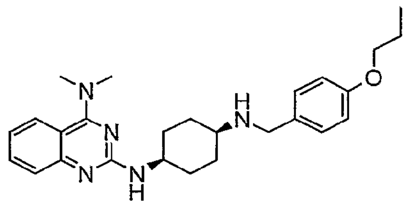
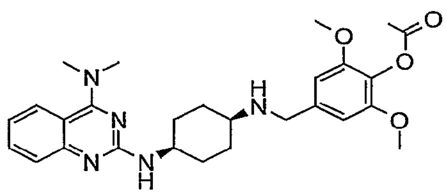
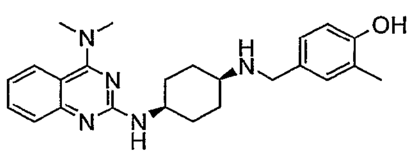
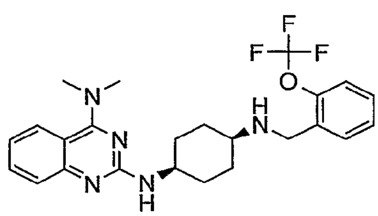
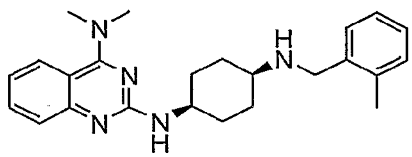
Example No.	Structure	ESI-MS	Retention Time (min)
3317	 2CF_3CO_2H	466.4 (M + H)	2.95
3318	 2CF_3CO_2H	390.4 (M + H)	2.95
3319	 2CF_3CO_2H	396.2 (M + H)	2.89
3320	 2CF_3CO_2H	438.2 (M + H)	2.76
3321	 3CF_3CO_2H	445.4 (M + H)	3.16
3322	 3CF_3CO_2H	415.4 (M + H)	2.96

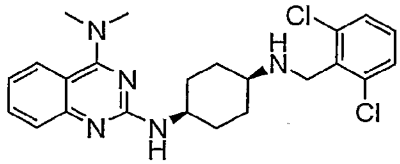
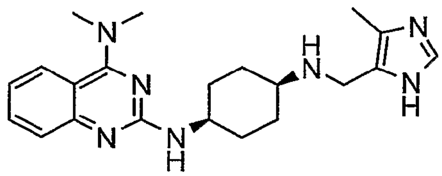
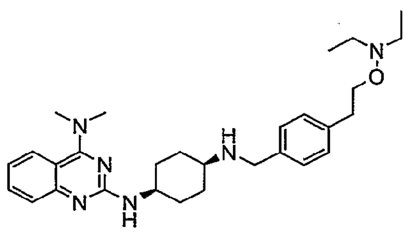
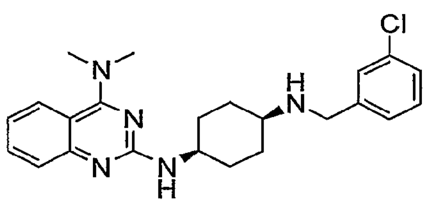
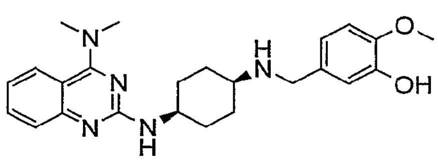
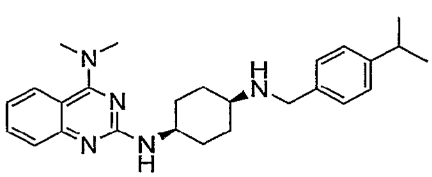
Example No.	Structure	ESI-MS	Retention Time (min)
3323	 $3CF_3CO_2H$	445.4 (M + H)	2.96
3324	 $2CF_3CO_2H$	504.2 (M + H)	3.11
3325	 $2CF_3CO_2H$	434.4 (M + H)	3.17
3326	 $2CF_3CO_2H$	476.2 (M + H)	3.27
3327	 $2CF_3CO_2H$	514.4 (M + H)	3.07
3328	 $2CF_3CO_2H$	462.2 (M + H)	2.99

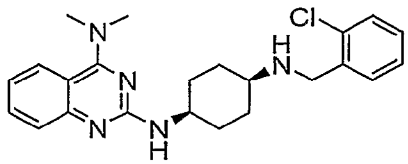
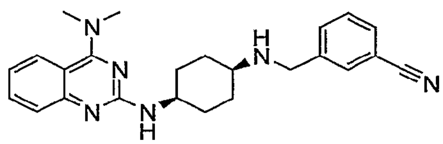
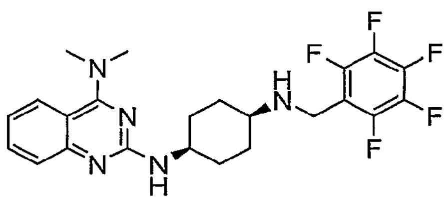
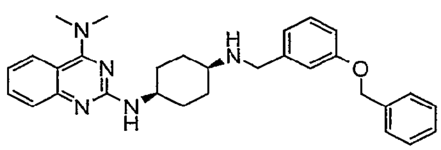
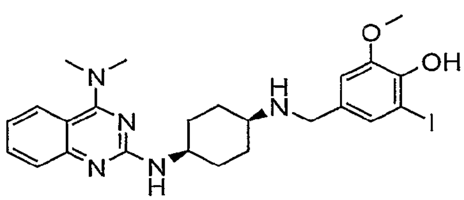
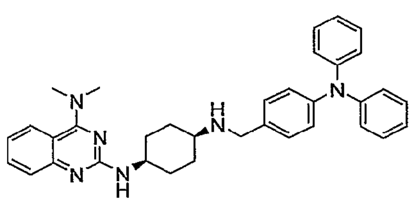
Example No.	Structure	ESI-MS	Retention Time (min)
3329	 2CF_3CO_2H	433.2 (M + H)	2.63
3330	 2CF_3CO_2H	518.4 (M + H)	3.63
3331	 2CF_3CO_2H	500.4 (M + H)	3.09
3332	 3CF_3CO_2H	379.4 (M + H)	2.77
3333	 2CF_3CO_2H	460.2 (M + H)	3.31
3334	 2CF_3CO_2H	512.4 (M + H)	3.51

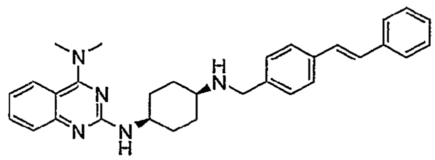
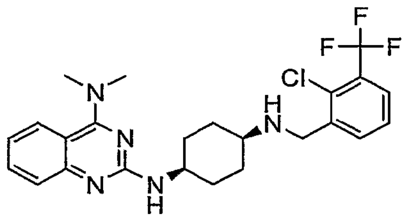
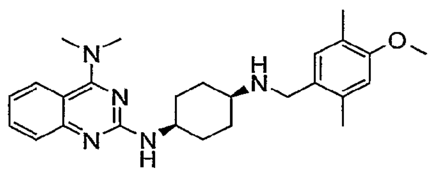
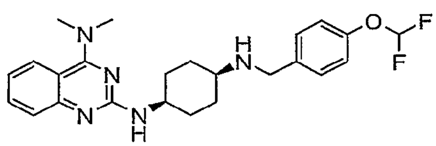
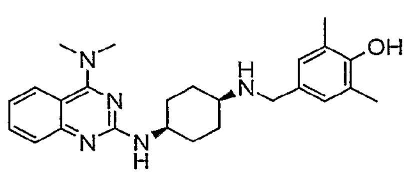
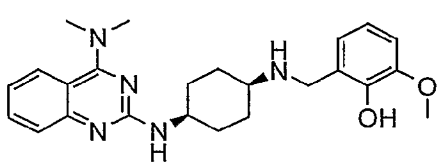
Example No.	Structure	ESI-MS	Retention Time (min)
3335	 $2CF_3CO_2H$	512.6 (M + H)	3.51
3336	 $2CF_3CO_2H$	476.2 (M + H)	3.39
3337	 $2CF_3CO_2H$	448.4 (M + H)	3.42
3338	 $2CF_3CO_2H$	404.4 (M + H)	3.17
3339	 $2CF_3CO_2H$	444.4 (M + H)	3.13
3340	 $2CF_3CO_2H$	462.2 (M + H)	3.21

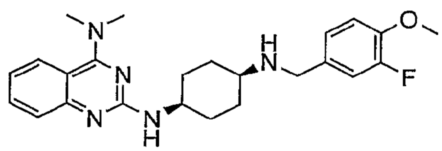
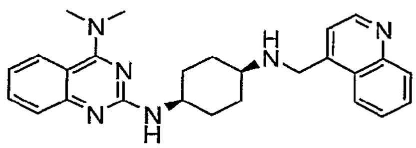
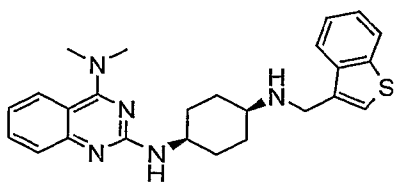
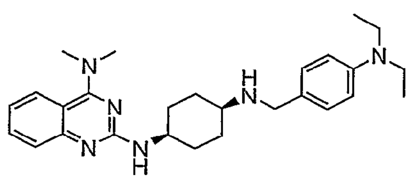
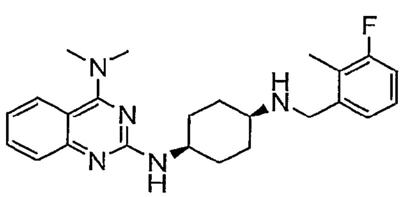
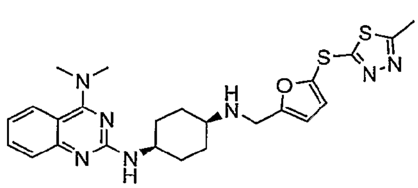
Example No.	Structure	ESI-MS	Retention Time (min)
3341	 $2CF_3CO_2H$	424.2 (M + H)	2.97
3342	 $2CF_3CO_2H$	444.6 (M + H)	3.16
3343	 $3CF_3CO_2H$	469.4 (M + H)	3.47
3344	 $2CF_3CO_2H$	456.4 (M + H)	3.47
3345	 $2CF_3CO_2H$	457.4 (M + H)	3.09
3346	 $2CF_3CO_2H$	458.2 (M + H)	3.37

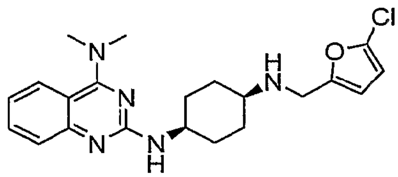
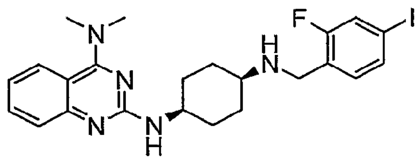
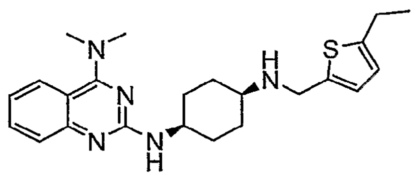
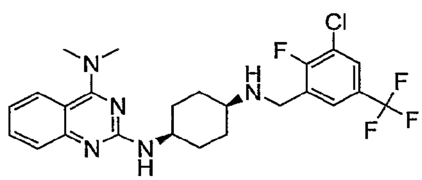
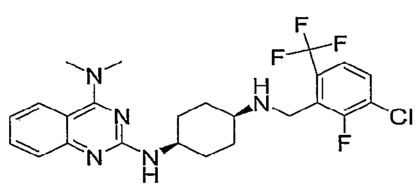
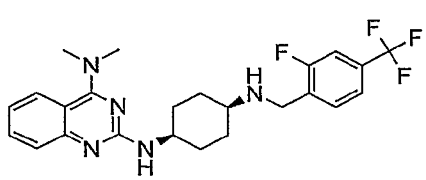
Example No.	Structure	ESI-MS	Retention Time (min)
3347	 2CF_3CO_2H	436.4 (M + H)	2.83
3348	 2CF_3CO_2H	434.4 (M + H)	3.30
3349	 2CF_3CO_2H	494.4 (M + H)	2.98
3350	 2CF_3CO_2H	406.4 (M + H)	2.80
3351	 2CF_3CO_2H	460.4 (M + H)	3.20
3352	 2CF_3CO_2H	390.4 (M + H)	2.97

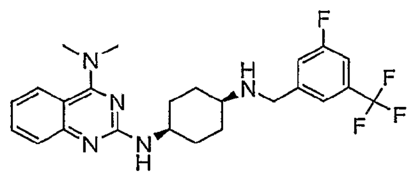
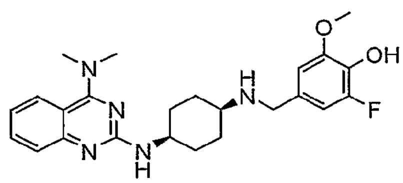
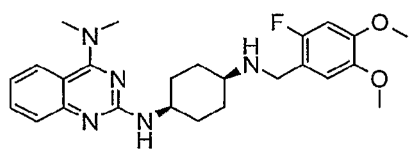
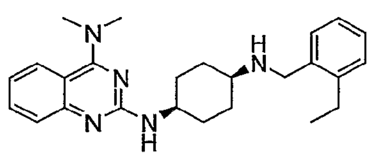
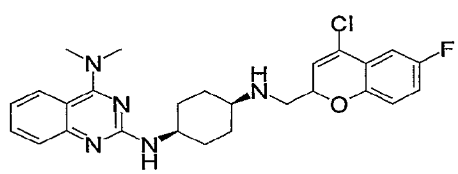
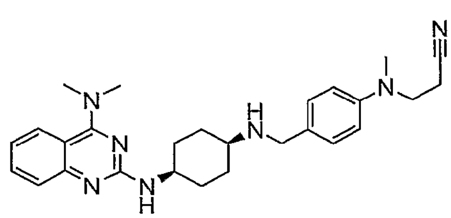
Example No.	Structure	ESI-MS	Retention Time (min)
3353	 $2CF_3CO_2H$	444.2 (M + H)	3.01
3354	 $3CF_3CO_2H$	380.2 (M + H)	2.27
3355	 $2CF_3CO_2H$	491.4 (M + H)	2.55
3356	 $2CF_3CO_2H$	410.4 (M + H)	3.05
3357	 $2CF_3CO_2H$	422.2 (M + H)	2.69
3358	 $2CF_3CO_2H$	418.6 (M + H)	3.36

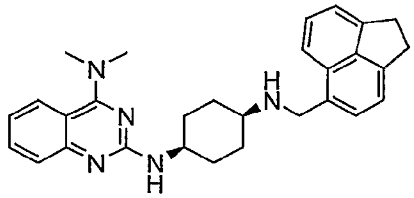
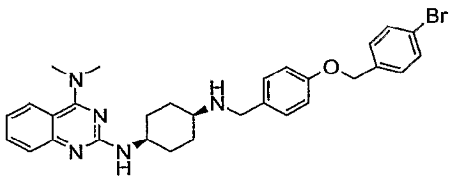
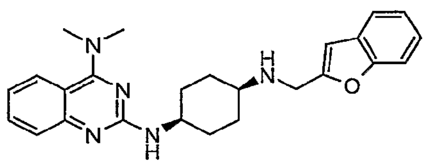
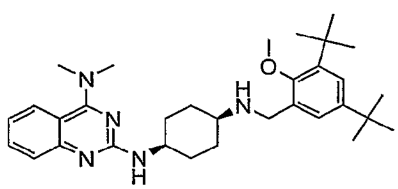
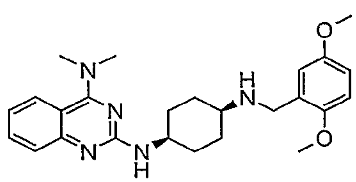
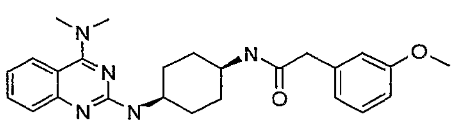
Example No.	Structure	ESI-MS	Retention Time (min)
3359	 2CF$_3$CO$_2$H	410.4 (M + H)	2.97
3360	 2CF$_3$CO$_2$H	401.2 (M + H)	2.81
3361	 2CF$_3$CO$_2$H	466.2 (M + H)	3.01
3362	 2CF$_3$CO$_2$H	482.4 (M + H)	3.43
3363	 2CF$_3$CO$_2$H	548.4 (M + H)	3.03
3364	 3CF$_3$CO$_2$H	543.6 (M + H)	3.95

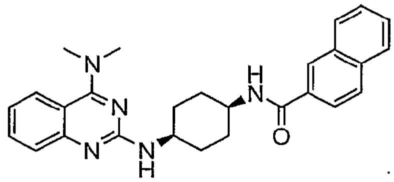
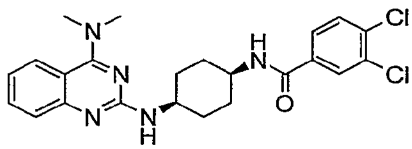
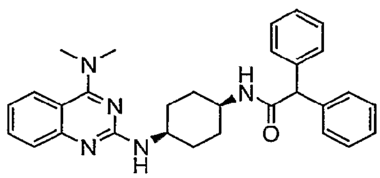
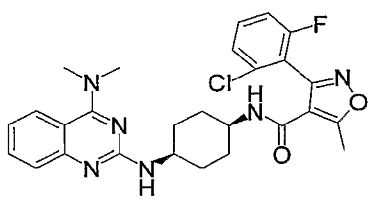
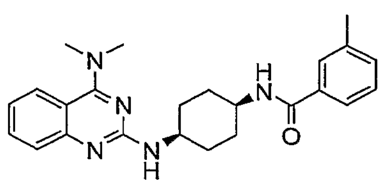
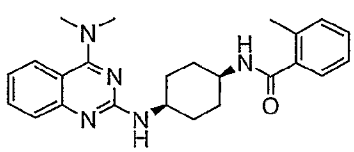
Example No.	Structure	ESI-MS	Retention Time (min)
3365	 $2CF_3CO_2H$	478.4 (M + H)	3.64
3366	 $2CF_3CO_2H$	478.4 (M + H)	3.29
3367	 $2CF_3CO_2H$	434.4 (M + H)	3.20
3368	 $2CF_3CO_2H$	442.4 (M + H)	3.09
3369	 $2CF_3CO_2H$	420.4 (M + H)	2.87
3370	 $2CF_3CO_2H$	422.2 (M + H)	2.79

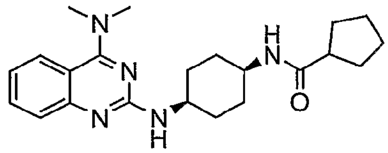
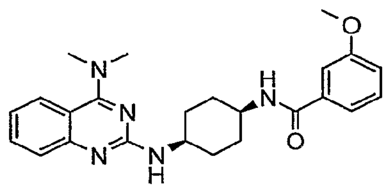
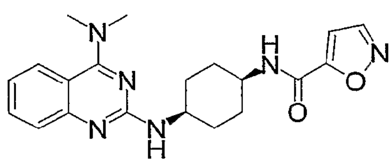
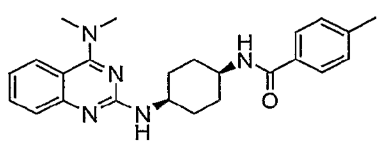
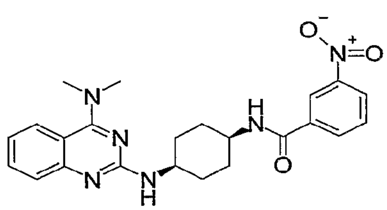
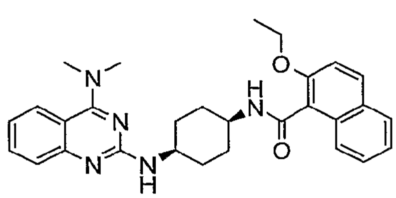
Example No.	Structure	ESI-MS	Retention Time (min)
3371	 $2CF_3CO_2H$	424.2 (M + H)	2.96
3372	 $3CF_3CO_2H$	427.2 (M + H)	2.53
3373	 $2CF_3CO_2H$	432.4 (M + H)	3.12
3374	 $3CF_3CO_2H$	447.4 (M + H)	2.45
3375	 $2CF_3CO_2H$	408.2 (M + H)	3.02
3376	 $2CF_3CO_2H$	496.4 (M + H)	2.81

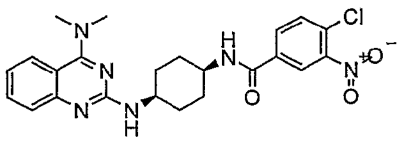
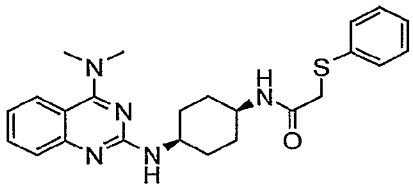
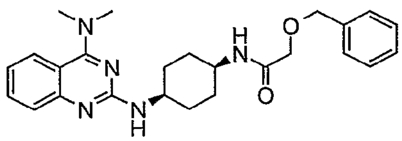
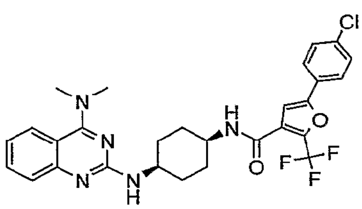
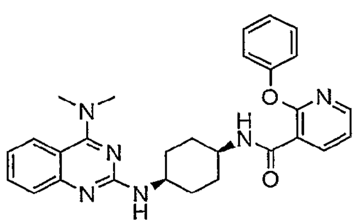
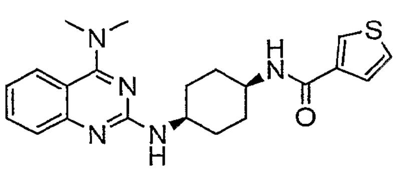
Example No.	Structure	ESI-MS	Retention Time (min)
3377	 $2CF_3CO_2H$	400.2 (M + H)	2.81
3378	 $2CF_3CO_2H$	520.2 (M + H)	3.14
3379	 $2CF_3CO_2H$	410.4 (M + H)	3.12
3380	 $2CF_3CO_2H$	496.4 (M + H)	3.40
3381	 $2CF_3CO_2H$	496.4 (M + H)	3.17
3382	 $2CF_3CO_2H$	462.2 (M + H)	3.19

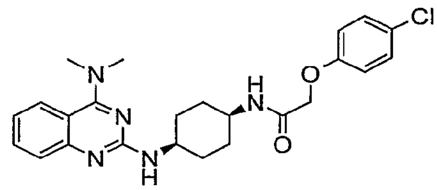
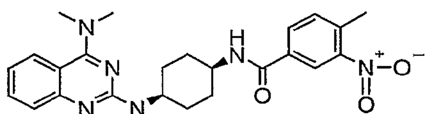
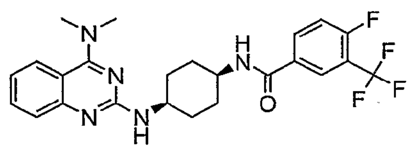
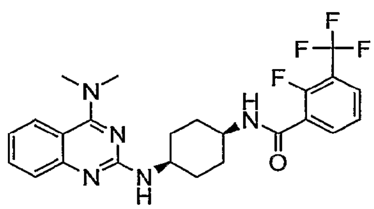
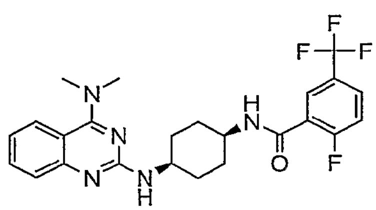
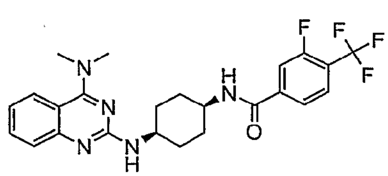
Example No.	Structure	ESI-MS	Retention Time (min)
3383	 $2CF_3CO_2H$	462.2 (M + H)	3.28
3384	 $2CF_3CO_2H$	440.4 (M + H)	2.74
3385	 $2CF_3CO_2H$	454.2 (M + H)	2.89
3386	 $2CF_3CO_2H$	404.4 (M + H)	3.09
3387	 $2CF_3CO_2H$	482.2 (M + H)	3.29
3388	 $3CF_3CO_2H$	458.4 (M + H)	2.99

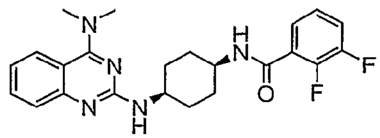
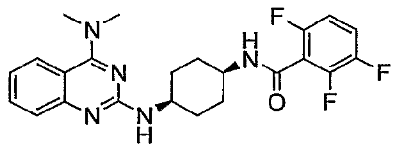
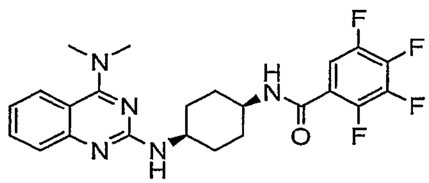
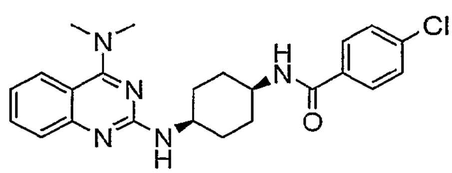
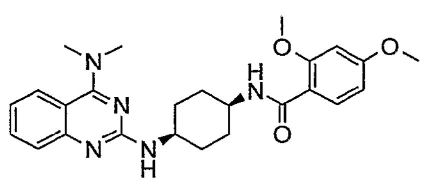
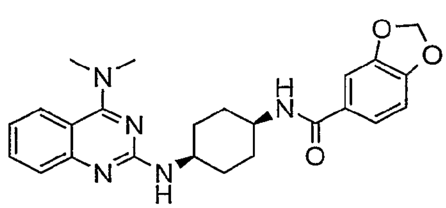
Example No.	Structure	ESI-MS	Retention Time (min)
3389	 $2CF_3CO_2H$	452.2 (M + H)	3.40
3390	 $2CF_3CO_2H$	560.2 (M + H)	3.73
3391	 $2CF_3CO_2H$	416.4 (M + H)	2.99
3392	 $2CF_3CO_2H$	518.6 (M + H)	4.08
3393	 $2CF_3CO_2H$	436.4 (M + H)	2.95
3394	 CF_3CO_2H	434.4 (M + H)	3.30

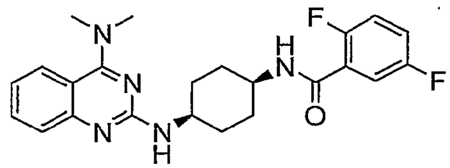
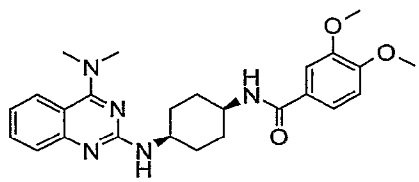
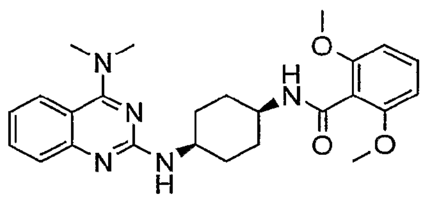
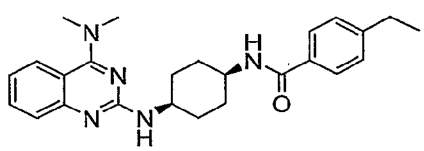
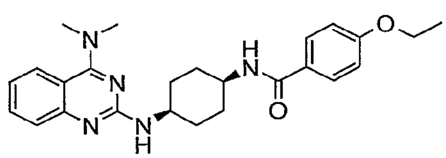
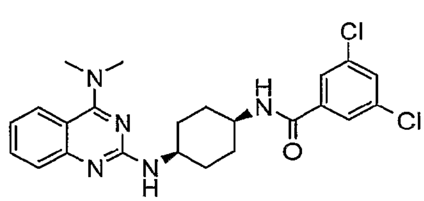
Example No.	Structure	ESI-MS	Retention Time (min)
3395	 CF_3CO_2H	440.4 (M + H)	4.26
3396	 CF_3CO_2H	458.2 (M + H)	4.39
3397	 CF_3CO_2H	480.4 (M + H)	4.37
3398	 CF_3CO_2H	523.6 (M + H)	4.15
3399	 CF_3CO_2H	404.4 (M + H)	3.46
3400	 CF_3CO_2H	404.4 (M + H)	3.75

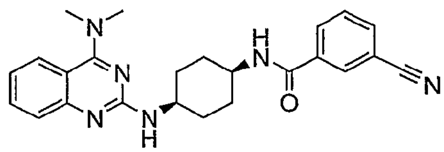
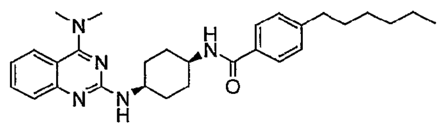
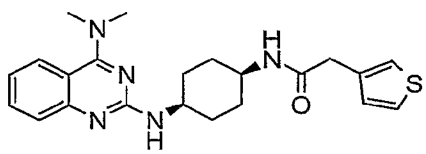
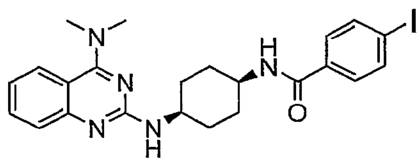
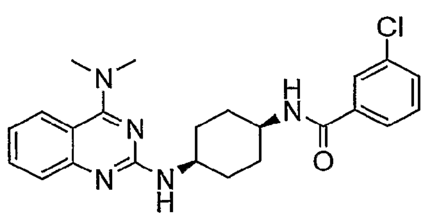
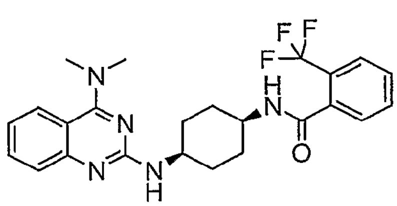
Example No.	Structure	ESI-MS	Retention Time (min)
3401	 CF_3CO_2H	382.4 (M + H)	3.65
3402	 CF_3CO_2H	420.4 (M + H)	3.81
3403	 CF_3CO_2H	381.2 (M + H)	3.33
3404	 CF_3CO_2H	404.4 (M + H)	3.93
3405	 CF_3CO_2H	435.2 (M + H)	3.40
3406	 CF_3CO_2H	484.4 (M + H)	4.15

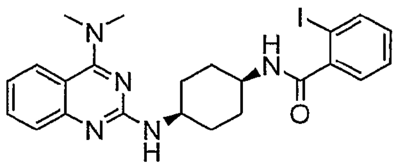
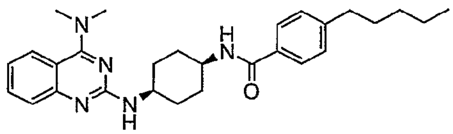
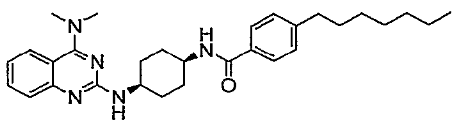
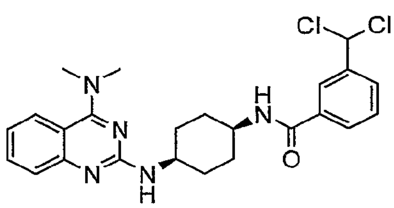
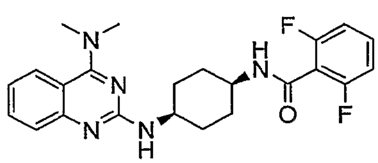
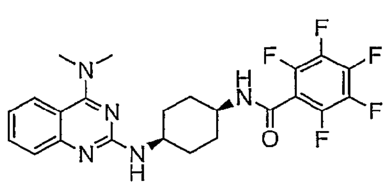
Example No.	Structure	ESI-MS	Retention Time (min)
3407	 CF_3CO_2H	469.4 (M + H)	4.20
3408	 CF_3CO_2H	436.2 (M + H)	3.88
3409	 CF_3CO_2H	434.4 (M + H)	3.91
3410	 CF_3CO_2H	558.4 (M + H)	4.92
3411	 $2CF_3CO_2H$	483.4 (M + H)	4.08
3412	 CF_3CO_2H	396.2 (M + H)	3.68

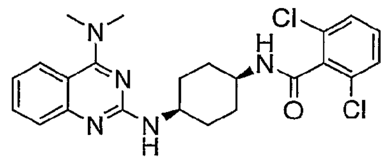
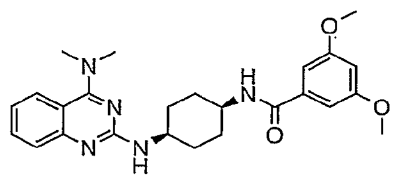
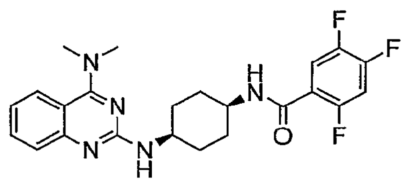
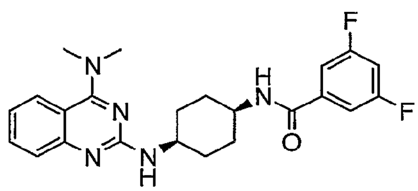
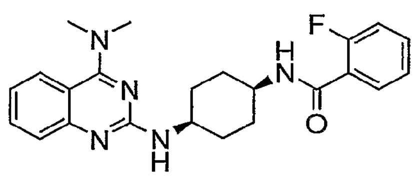
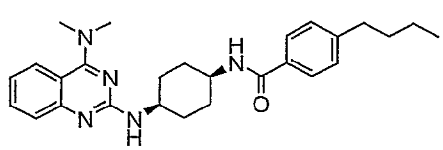
Example No.	Structure	ESI-MS	Retention Time (min)
3413	 CF_3CO_2H	454.2 (M + H)	3.70
3414	 CF_3CO_2H	449.4 (M + H)	4.09
3415	 CF_3CO_2H	476.2 (M + H)	4.33
3416	 CF_3CO_2H	476.4 (M + H)	3.60
3417	 CF_3CO_2H	476.4 (M + H)	4.23
3418	 CF_3CO_2H	476.4 (M + H)	4.38

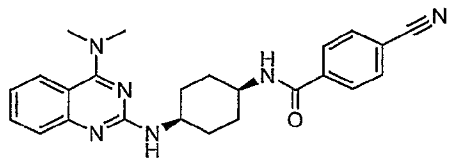
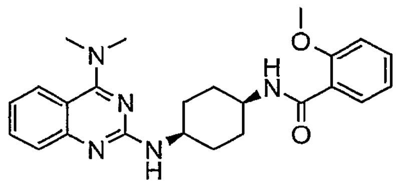
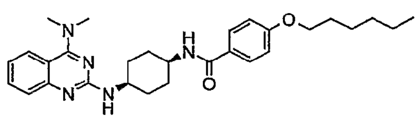
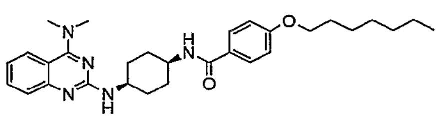
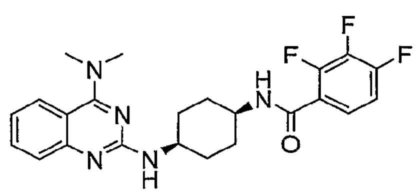
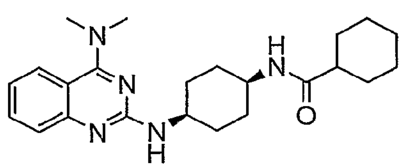
Example No.	Structure	ESI-MS	Retention Time (min)
3419	 CF_3CO_2H	426.2 (M + H)	3.87
3420	 CF_3CO_2H	444.4 (M + H)	3.86
3421	 CF_3CO_2H	462.2 (M + H)	4.15
3422	 CF_3CO_2H	424.2 (M + H)	4.06
3423	 CF_3CO_2H	450.4 (M + H)	4.03
3424	 CF_3CO_2H	434.2 (M + H)	3.75

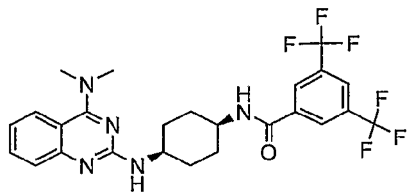
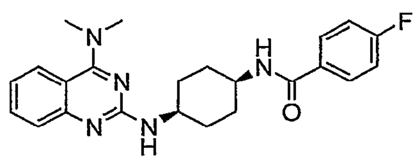
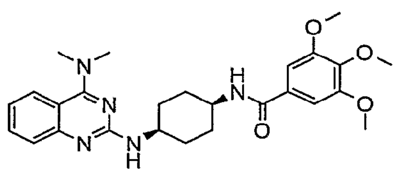
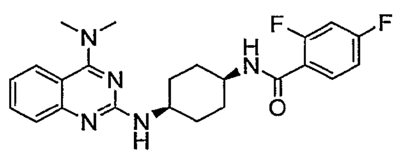
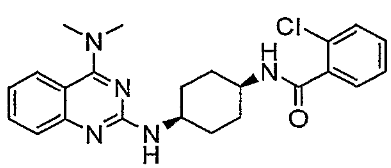
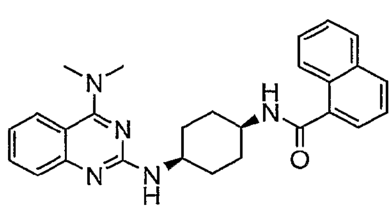
Example No.	Structure	ESI-MS	Retention Time (min)
3425	 CF_3CO_2H	426.2 (M + H)	3.88
3426	 CF_3CO_2H	450.4 (M + H)	3.64
3427	 CF_3CO_2H	450.4 (M + H)	3.55
3428	 CF_3CO_2H	418.6 (M + H)	4.17
3429	 CF_3CO_2H	434.4 (M + H)	4.03
3430	 CF_3CO_2H	458.2 (M + H)	4.45

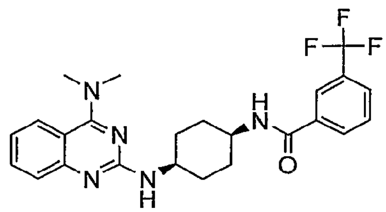
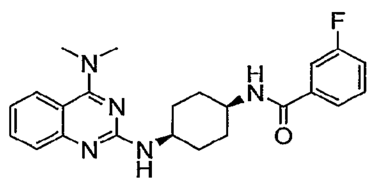
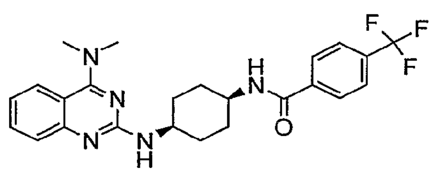
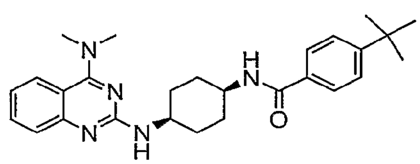
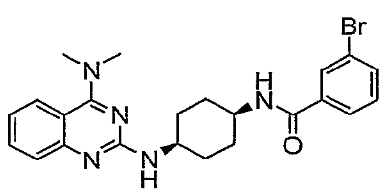
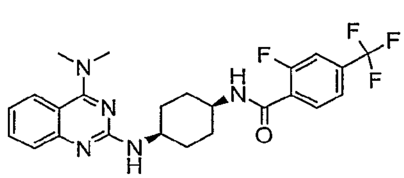
Example No.	Structure	ESI-MS	Retention Time (min)
3431	 CF_3CO_2H	415.4 (M + H)	3.76
3432	 CF_3CO_2H	474.4 (M + H)	5.06
3433	 CF_3CO_2H	410.2 (M + H)	3.64
3434	 CF_3CO_2H	516.2 (M + H)	4.24
3435	 CF_3CO_2H	424.2 (M + H)	4.09
3436	 CF_3CO_2H	458.2 (M + H)	3.89

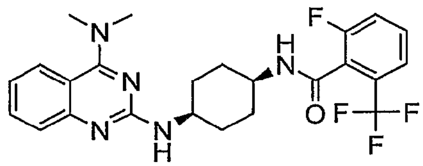
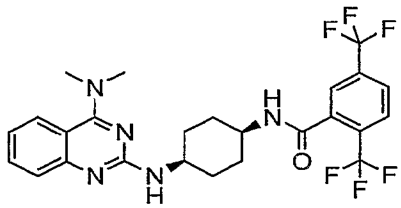
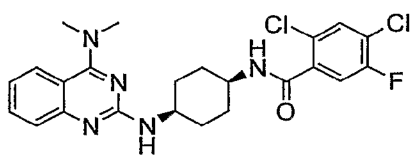
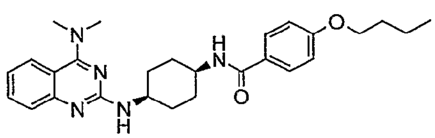
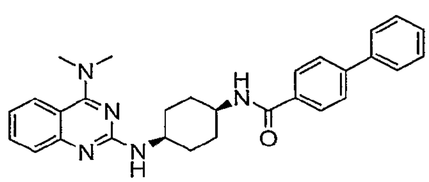
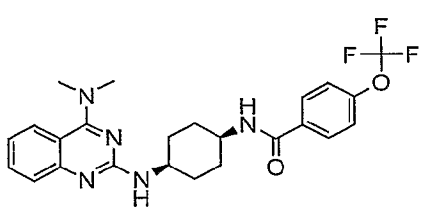
Example No.	Structure	ESI-MS	Retention Time (min)
3437	 CF_3CO_2H	516.2 (M+H)	3.88
3438	 CF_3CO_2H	460.4 (M+H)	4.86
3439	 CF_3CO_2H	488.4 (M+H)	4.70
3440	 CF_3CO_2H	472.4 (M+H)	4.29
3441	 CF_3CO_2H	426.2 (M+H)	3.69
3442	 CF_3CO_2H	480.2 (M+H)	4.16

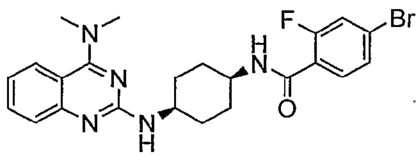
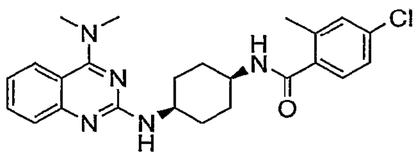
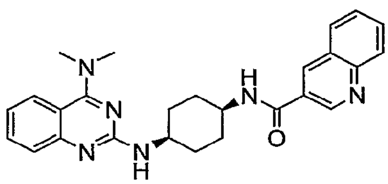
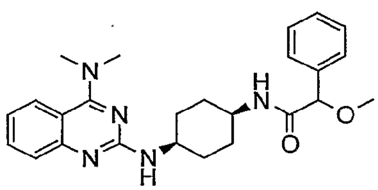
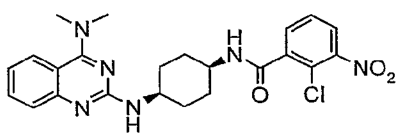
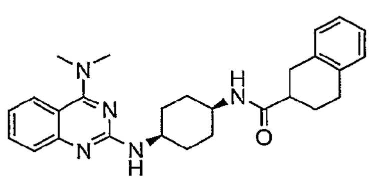
Example No.	Structure	ESI-MS	Retention Time (min)
3443	 CF$_3$CO$_2$H	458.2 (M + H)	3.91
3444	 CF$_3$CO$_2$H	450.4 (M + H)	3.95
3445	 CF$_3$CO$_2$H	444.4 (M + H)	4.01
3446	 CF$_3$CO$_2$H	426.2 (M + H)	4.00
3447	 CF$_3$CO$_2$H	408.4 (M + H)	3.75
3448	 CF$_3$CO$_2$H	446.6 (M + H)	4.65

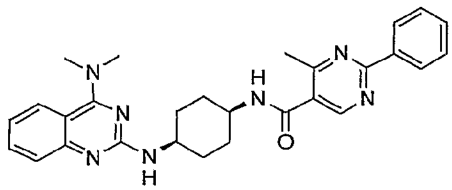
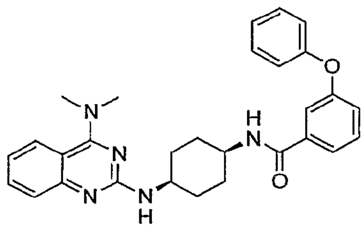
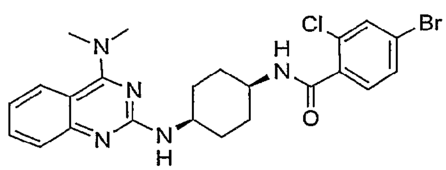
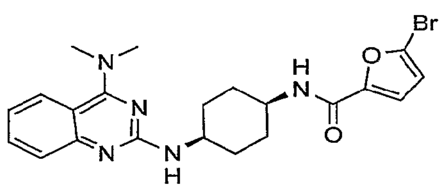
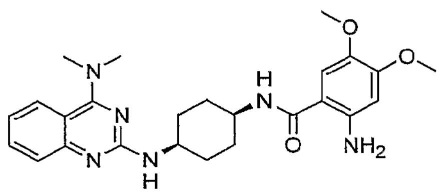
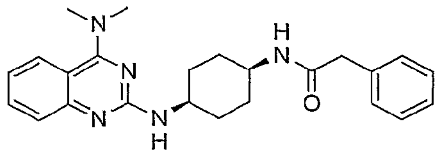
Example No.	Structure	ESI-MS	Retention Time (min)
3449	 CF_3CO_2H	415.2 (M + H)	3.75
3450	 CF_3CO_2H	420.4 (M + H)	3.91
3451	 CF_3CO_2H	490.4 (M + H)	4.99
3452	 CF_3CO_2H	504.4 (M + H)	5.16
3453	 CF_3CO_2H	444.4 (M + H)	4.00
3454	 CF_3CO_2H	396.2 (M + H)	3.85

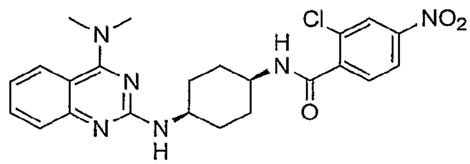
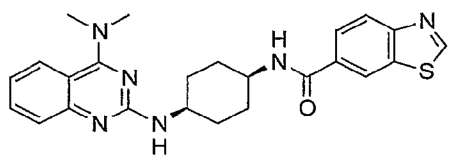
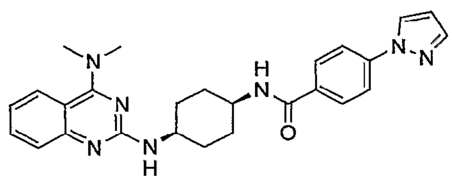
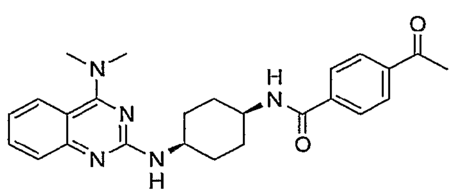
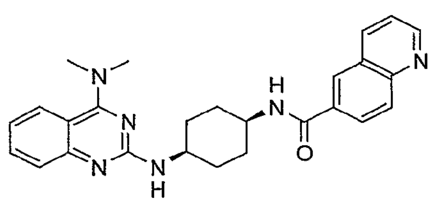
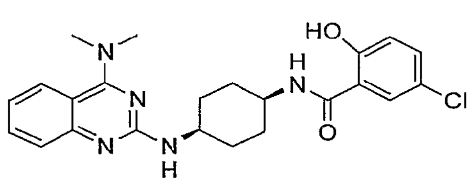
Example No.	Structure	ESI-MS	Retention Time (min)
3455	 CF_3CO_2H	526.6 (M + H)	4.69
3456	 CF_3CO_2H	408.4 (M + H)	3.30
3457	 CF_3CO_2H	480.4 (M + H)	3.76
3458	 CF_3CO_2H	426.2 (M + H)	3.86
3459	 CF_3CO_2H	424.2 (M + H)	3.76
3460	 CF_3CO_2H	440.4 (M + H)	4.05

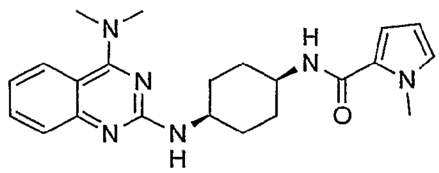
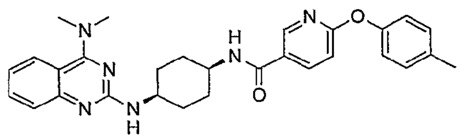
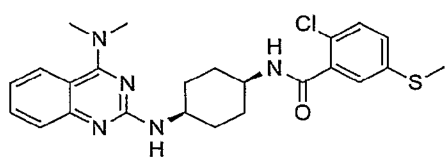
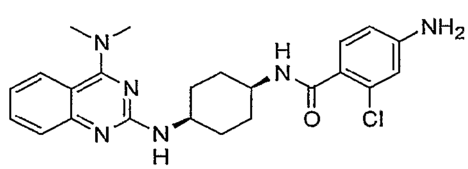
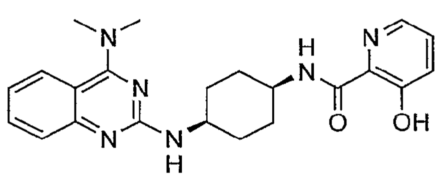
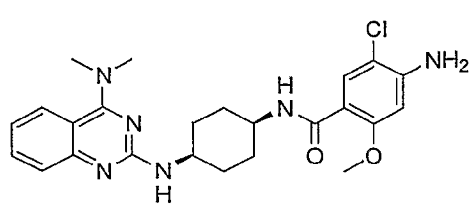
Example No.	Structure	ESI-MS	Retention Time (min)
3461	 CF_3CO_2H	458.4 (M + H)	4.25
3462	 CF_3CO_2H	408.2 (M + H)	3.84
3463	 CF_3CO_2H	458.2 (M + H)	4.25
3464	 CF_3CO_2H	446.6 (M + H)	4.44
3465	 CF_3CO_2H	470.2 (M + H)	4.13
3466	 CF_3CO_2H	476.2 (M + H)	4.25

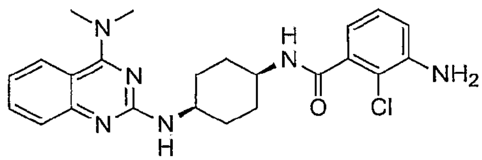
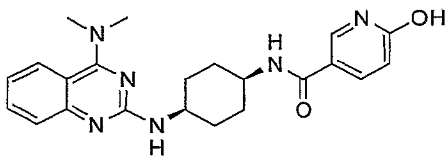
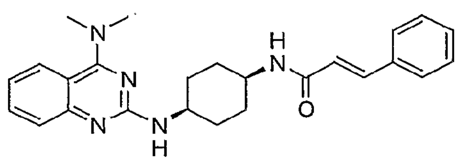
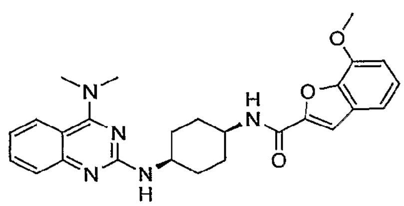
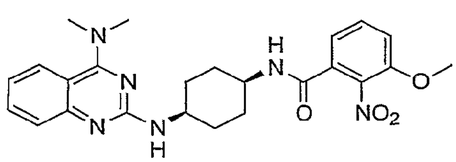
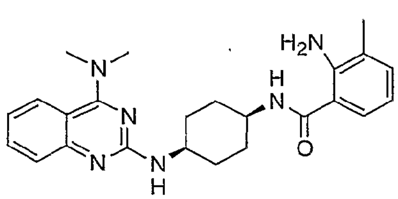
Example No.	Structure	ESI-MS	Retention Time (min)
3467	 CF_3CO_2H	476.2 (M + H)	3.92
3468	 CF_3CO_2H	526.4 (M + H)	4.31
3469	 CF_3CO_2H	476.2 (M + H)	4.15
3470	 CF_3CO_2H	462.2 (M + H)	4.48
3471	 CF_3CO_2H	466.4 (M + H)	4.45
3472	 CF_3CO_2H	474.4 (M + H)	4.29

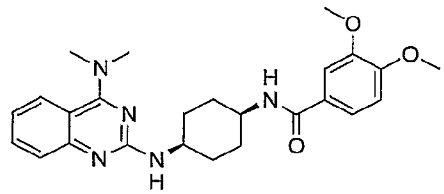
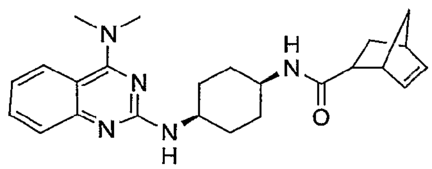
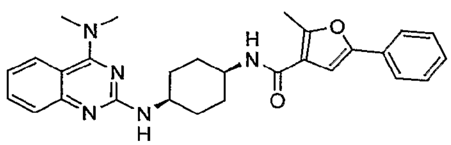
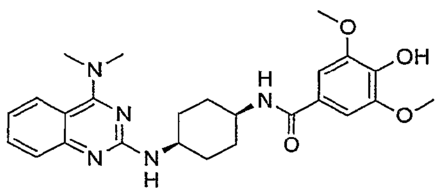
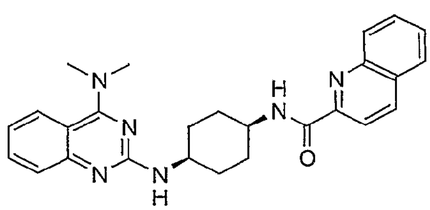
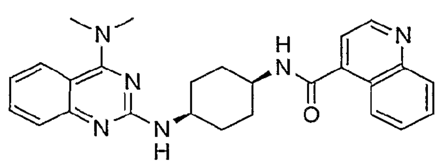
Example No.	Structure	ESI-MS	Retention Time (min)
3473	 CF_3CO_2H	486.2 (M + H)	4.32
3474	 CF_3CO_2H	438.4 (M + H)	4.31
3475	 $2CF_3CO_2H$	441.4 (M + H)	3.75
3476	 CF_3CO_2H	434.4 (M + H)	4.10
3477	 CF_3CO_2H	469.4 (M + H)	4.19
3478	 CF_3CO_2H	444.4 (M + H)	4.36

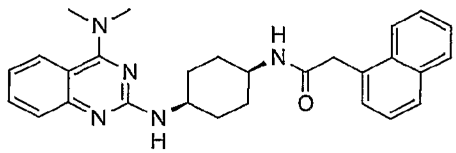
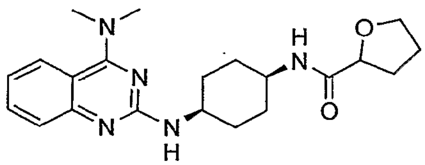
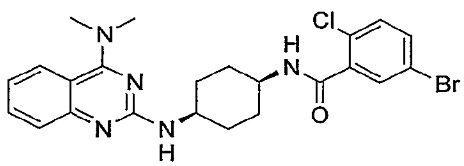
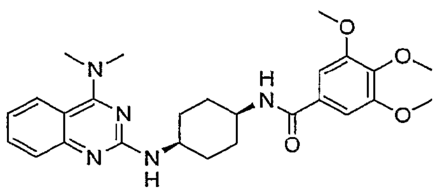
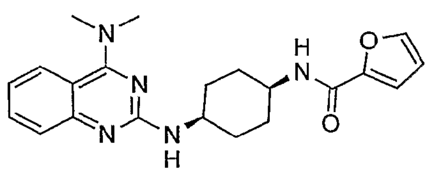
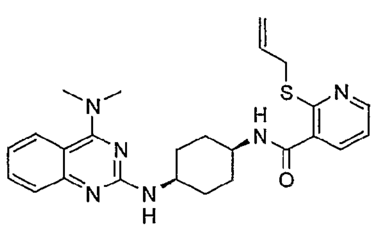
Example No.	Structure	ESI-MS	Retention Time (min)
3479	 $3CF_3CO_2H$	482.4 (M + H)	4.35
3480	 CF_3CO_2H	482.4 (M + H)	4.64
3481	 CF_3CO_2H	502.2 (M + H)	4.37
3482	 CF_3CO_2H	458.2 (M + H)	4.08
3483	 $2CF_3CO_2H$	465.4 (M + H)	3.66
3484	 CF_3CO_2H	404.4 (M + H)	4.03

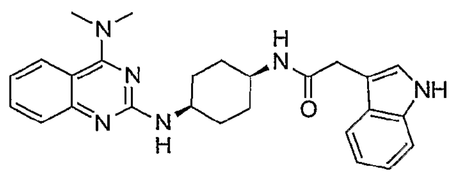
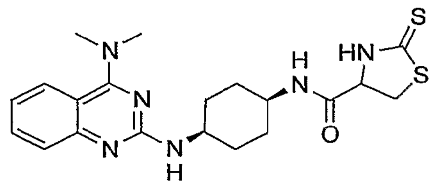
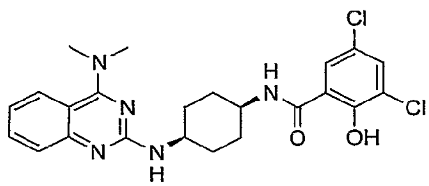
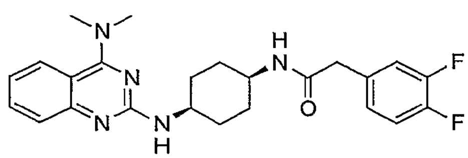
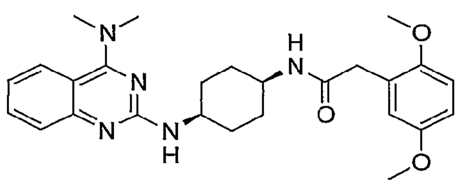
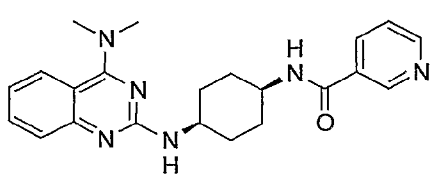
Example No.	Structure	ESI-MS	Retention Time (min)
3485	 CF_3CO_2H	469.4 (M + H)	4.23
3486	 $2CF_3CO_2H$	447.4 (M + H)	3.94
3487	 $2CF_3CO_2H$	456.2 (M + H)	4.07
3488	 CF_3CO_2H	432.4 (M + H)	3.99
3489	 $2CF_3CO_2H$	441.3 (M + H)	1.70
3490	 CF_3CO_2H	440.2 (M + H)	4.57

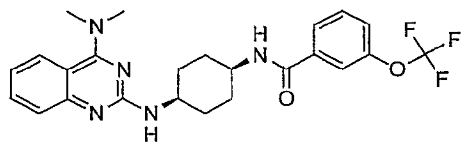
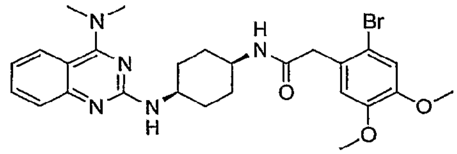
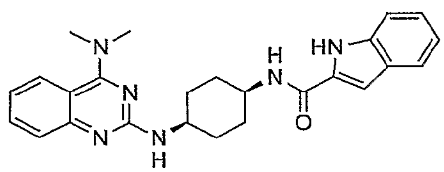
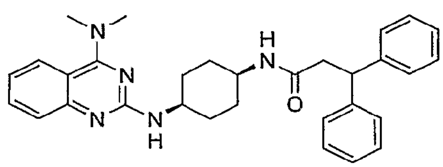
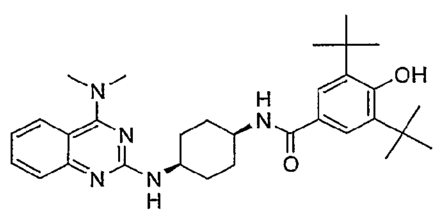
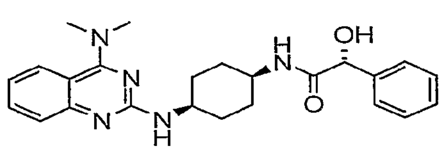
Example No.	Structure	ESI-MS	Retention Time (min)
3491	 $2CF_3CO_2H$	393.4 (M + H)	4.01
3492	 $2CF_3CO_2H$	497.4 (M + H)	4.45
3493	 CF_3CO_2H	470.2 (M + H)	2.40
3494	 $2CF_3CO_2H$	439.4 (M + H)	1.92
3495	 $2CF_3CO_2H$	407.4 (M + H)	2.30
3496	 $2CF_3CO_2H$	469.5 (M + H)	2.27

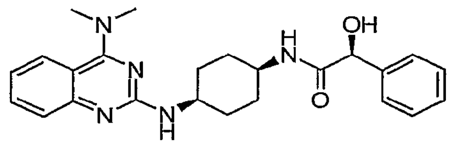
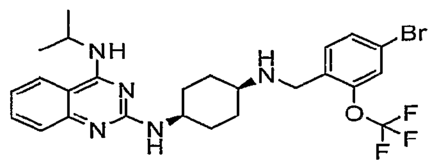
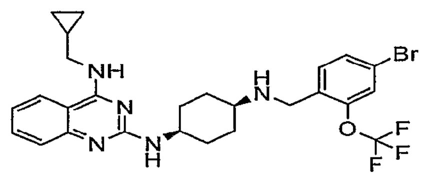
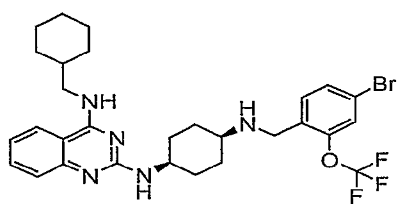
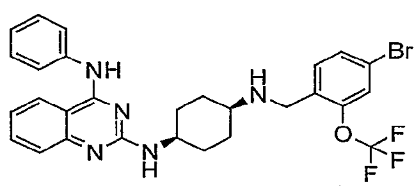
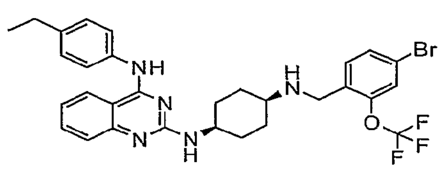
Example No.	Structure	ESI-MS	Retention Time (min)
3497	 $2CF_3CO_2H$	439.4 (M + H)	1.93
3498	 $2CF_3CO_2H$	407.4 (M + H)	1.62
3499	 CF_3CO_2H	416.3 (M + H)	2.34
3500	 CF_3CO_2H	460.4 (M + H)	2.46
3501	 CF_3CO_2H	465.4 (M + H)	4.13
3502	 $2CF_3CO_2H$	419.4 (M + H)	3.87

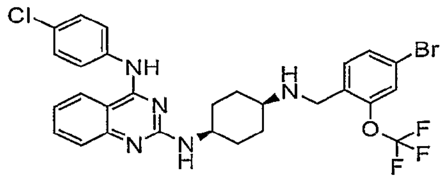
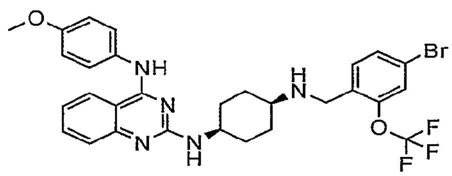
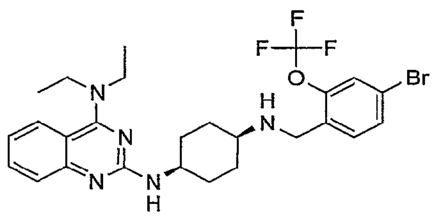
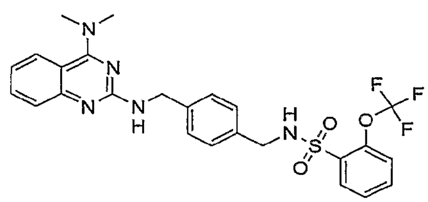
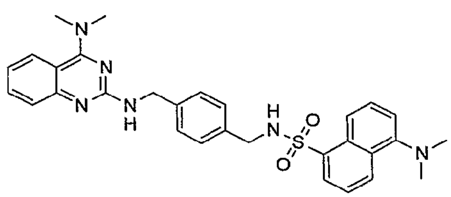
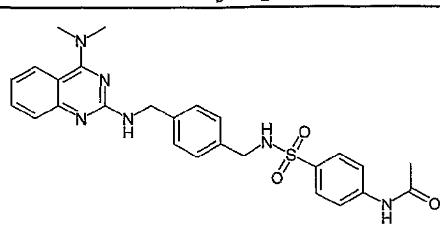
Example No.	Structure	ESI-MS	Retention Time (min)
3503	 CF_3CO_2H	450.4 (M + H)	3.97
3504	 CF_3CO_2H	406.2 (M + H)	2.18
3505	 CF_3CO_2H	470.4 (M + H)	4.74
3506	 CF_3CO_2H	466.4 (M + H)	3.83
3507	 $2CF_3CO_2H$	441.2 (M + H)	4.38
3508	 $2CF_3CO_2H$	441.2 (M + H)	3.62

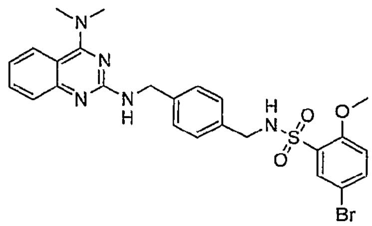
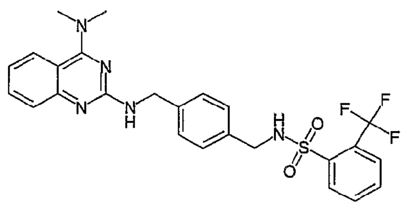
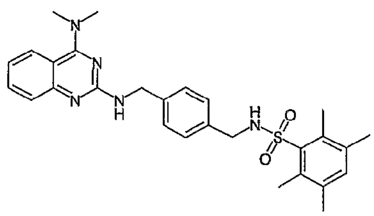
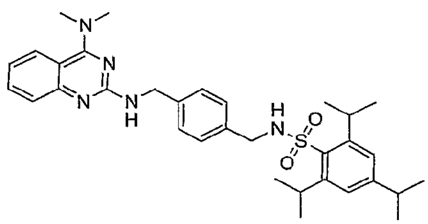
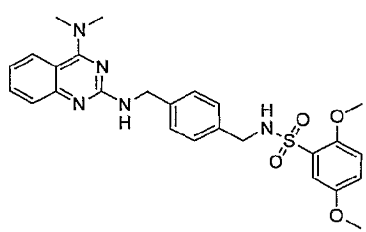
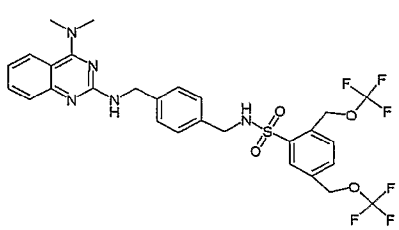
Example No.	Structure	ESI-MS	Retention Time (min)
3509	 CF$_3$CO$_2$H	454.5 (M + H)	2.44
3510	 CF$_3$CO$_2$H	384.4 (M + H)	3.67
3511	 CF$_3$CO$_2$H	502.2 (M + H)	4.37
3512	 CF$_3$CO$_2$H	480.5 (M + H)	2.18
3513	 CF$_3$CO$_2$H	380.2 (M + H)	3.81
3514	 2CF$_3$CO$_2$H	463.2 (M + H)	4.23

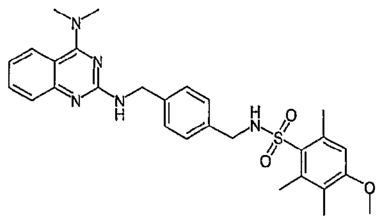
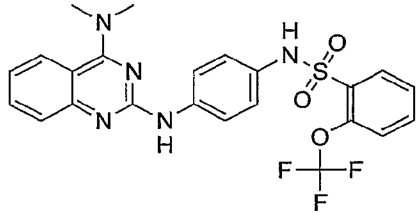
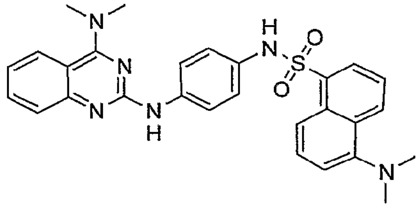
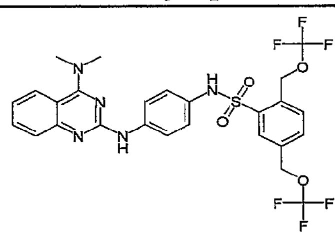
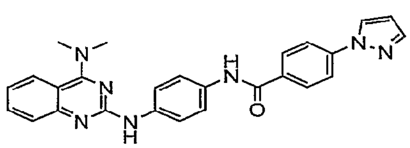
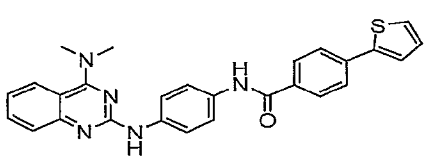
Example No.	Structure	ESI-MS	Retention Time (min)
3515	 $2CF_3CO_2H$	443.4 (M + H)	2.12
3516	 CF_3CO_2H	431.1 (M + H)	1.90
3517	 CF_3CO_2H	474.4 (M + H)	5.05
3518	 CF_3CO_2H	440.5 (M + H)	2.33
3519	 CF_3CO_2H	464.5 (M + H)	2.20
3520	 $2CF_3CO_2H$	391.1 (M + H)	1.59

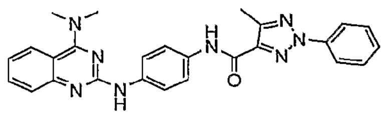
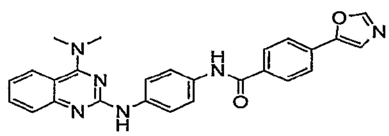
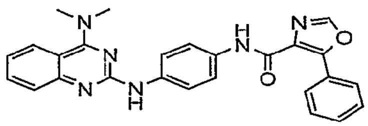
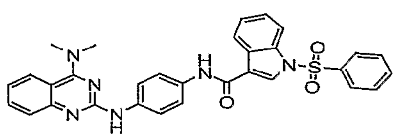
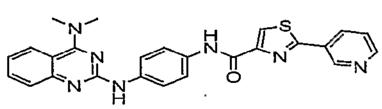
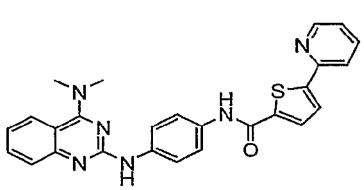
Example No.	Structure	ESI-MS	Retention Time (min)
3521	 CF_3CO_2H	474.4 (M + H)	4.53
3522	 CF_3CO_2H	542.2 (M + H)	2.26
3523	 $2CF_3CO_2H$	429.3 (M + H)	2.41
3524	 CF_3CO_2H	494.6 (M + H)	2.59
3525	 CF_3CO_2H	518.5 (M + H)	2.96
3526	 CF_3CO_2H	420.4 (M + H)	2.19

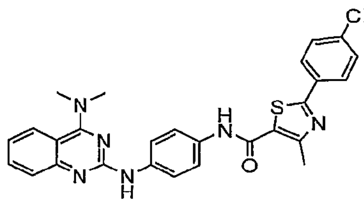
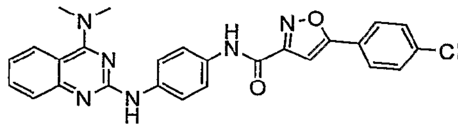
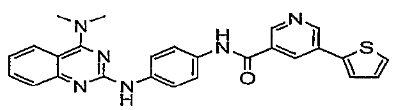
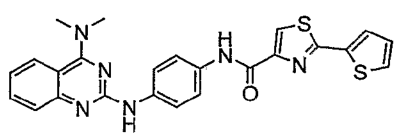
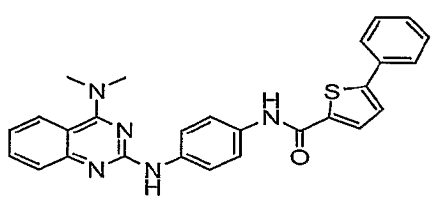
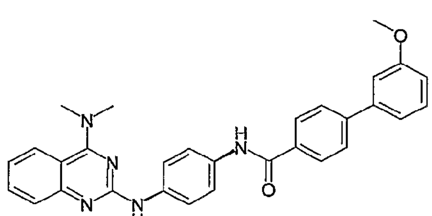
Example No.	Structure	ESI-MS	Retention Time (min)
3527	 CF_3CO_2H	420.4 (M + H)	2.19
3528	 $2CF_3CO_2H$	552.0 (M + H)	2.45
3529	 $2CF_3CO_2H$	564.2 (M + H)	2.48
3530	 $2CF_3CO_2H$	606.0 (M + H)	2.86
3531	 $2CF_3CO_2H$	586.2 (M + H)	3.20
3532	 $2CF_3CO_2H$	614.4 (M + H)	2.76

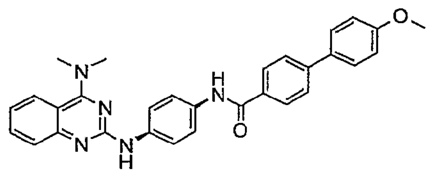
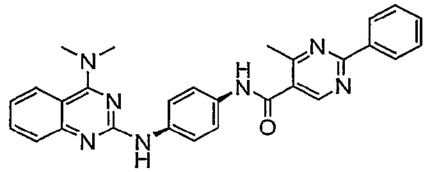
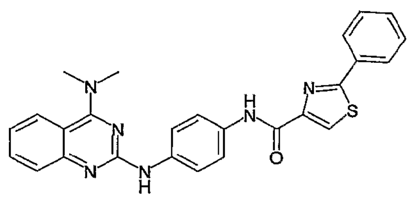
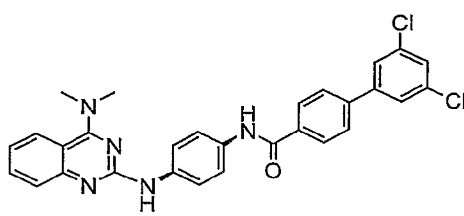
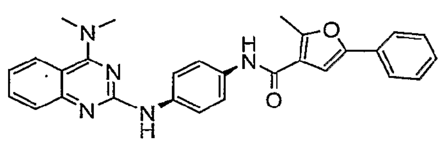
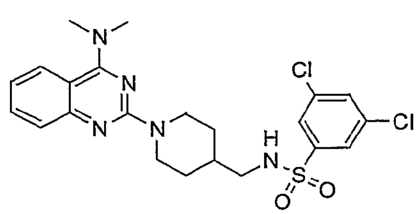
Example No.	Structure	ESI-MS	Retention Time (min)
3533	 $2CF_3CO_2H$	620.0 (M + H)	2.68
3534	 $2CF_3CO_2H$	616.0 (M + H)	2.56
3535	 $2CF_3CO_2H$	566.0 (M + H)	2.54
3536	 CF_3CO_2H	532.2 (M + H)	3.35
3537	 $2CF_3CO_2H$	541.4 (M + H)	3.11
3538	 CF_3CO_2H	505.2 (M + H)	2.98

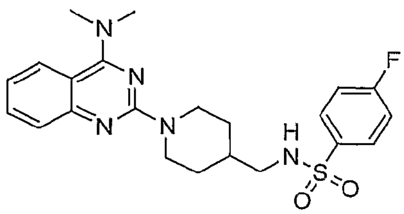
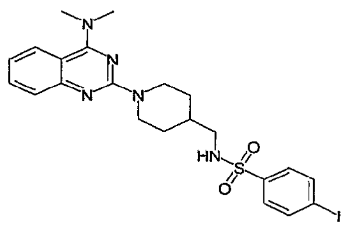
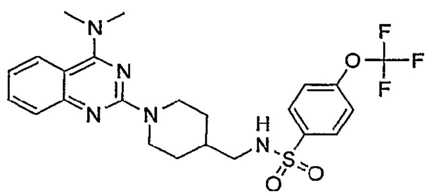
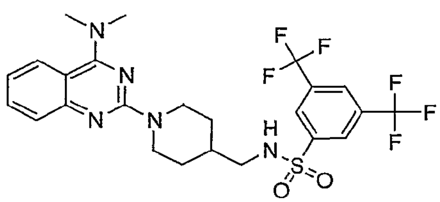
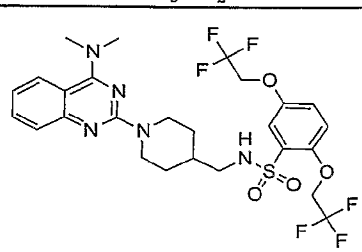
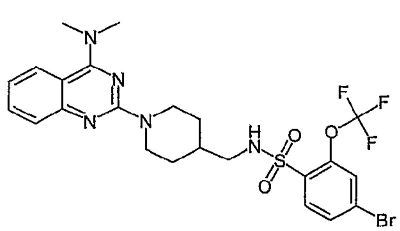
Example No.	Structure	ESI-MS	Retention Time (min)
3539	 CF_3CO_2H	556 (M + H)	3.37
3540	 CF_3CO_2H	516.4 (M + H)	3.39
3541	 CF_3CO_2H	504.4 (M + H)	3.61
3542	 CF_3CO_2H	574.4 (M + H)	4.27
3543	 CF_3CO_2H	508.2 (M + H)	3.17
3544	 CF_3CO_2H	644.2 (M + H)	3.63

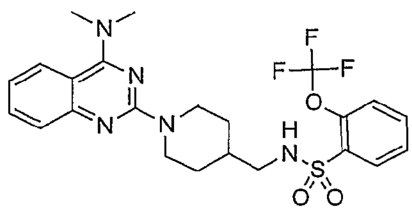
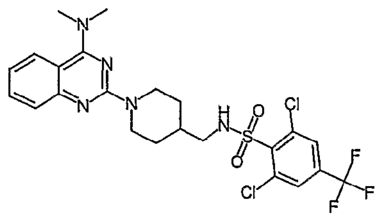
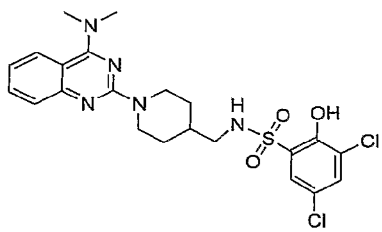
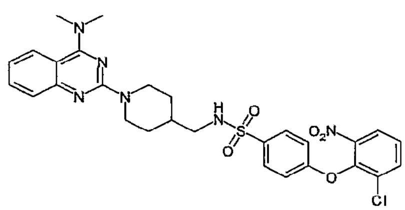
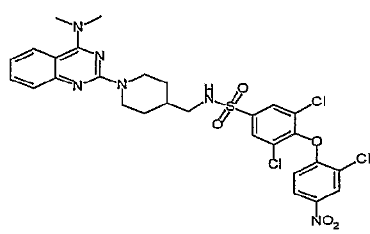
Example No.	Structure	ESI-MS	Retention Time (min)
3545	 CF_3CO_2H	520.4 (M + H)	3.56
3546	 CF_3CO_2H	504.2 (M + H)	3.25
3547	 $2CF_3CO_2H$	513.4 (M + H)	2.86
3548	 CF_3CO_2H	616.2 (M + H)	3.73
3549	 $2CF_3CO_2H$	450.4 (M + H)	2.79
3550	 CF_3CO_2H	466.2 (M + H)	3.35

Example No.	Structure	ESI-MS	Retention Time (min)
3551	 $2CF_3CO_2H$	465.2 (M + H)	3.34
3552	 CF_3CO_2H	451.2 (M + H)	3.83
3553	 CF_3CO_2H	451.2 (M + H)	4.10
3554	 CF_3CO_2H	563.2 (M + H)	4.33
3555	 $2CF_3CO_2H$	468.4 (M + H)	3.66
3556	 $2CF_3CO_2H$	467.4 (M + H)	2.85

Example No.	Structure	ESI-MS	Retention Time (min)
3557	 CF_3CO_2H	515.4 (M + H)	3.52
3558	 CF_3CO_2H	485.2 (M + H)	3.40
3559	 $2CF_3CO_2H$	467.4 (M + H)	3.90
3560	 CF_3CO_2H	473.4 (M + H)	4.17
3561	 CF_3CO_2H	467.4 (M + H)	3.57
3562	 CF_3CO_2H	490.2 (M + H)	4.00

Example No.	Structure	ESI-MS	Retention Time (min)
3563	 CF_3CO_2H	490.2 (M + H)	3.99
3564	 $2CF_3CO_2H$	476.2 (M + H)	3.76
3565	 CF_3CO_2H	467.2 (M + H)	4.07
3566	 CF_3CO_2H	528.2 (M + H)	4.53
3567	 CF_3CO_2H	464.2 (M + H)	4.11
3568	 CF_3CO_2H	494.0 (M + H)	3.43

Example No.	Structure	ESI-MS	Retention Time (min)
3569	 CF_3CO_2H	444.0 (M + H)	3.03
3570	 CF_3CO_2H	552.0 (M + H)	3.30
3571	 CF_3CO_2H	510.0 (M + H)	3.37
3572	 CF_3CO_2H	562.0 (M + H)	3.66
3573	 CF_3CO_2H	622.0 (M + H)	3.61
3574	 CF_3CO_2H	588.0 (M + H)	3.59

Example No.	Structure	ESI-MS	Retention Time (min)
3575	 CF_3CO_2H	510.0 (M + H)	3.31
3576	 CF_3CO_2H	562.0 (M + H)	3.61
3577	 CF_3CO_2H	510.0 (M + H)	3.35
3578	 CF_3CO_2H	597.0 (M + H)	3.55
3579	 CF_3CO_2H	665.0 (M + H)	4.02

Assay Procedures

Compounds identified and disclosed throughout this patent document were assayed according to the protocols found in co-pending patent application having U.S. Serial Number 09/826,509, which is incorporated herein by reference.

Example 3580

Preparation of Endogenous MCH Receptor.

The endogenous human MCH receptor was obtained by PCR using genomic DNA as template and rTth polymerase (Perkin Elmer) with the buffer system provided by the manufacturer, 0.25 μM of each primer, and 0.2 mM of each 4 nucleotides. The cycle condition was 30 cycles of 94°C for 1 min, 56°C for 1min and 72 °C for 1 min and 20 sec. The 5' PCR primer contained a HindIII site with the sequence:

5'-GTGAAGCTTGCCTCTGGTGCCTGCAGGAGG-3' (SEQ.ID.NO.:1)

and the 3' primer contained an EcoRI site with the sequence:

5'-GCAGAATTCCCGGTGGCGTGTTGTGGTGCCC-3' (SEQ.ID.NO.:2).

The 1.3 kb PCR fragment was digested with HindIII and EcoRI and cloned into HindIII-EcoRI site of CMVp expression vector. Later the cloning work by Lakaye et al showed that there is an intron the coding rgion of the gene. Thus the 5' end of the cDNA was obtained by 5' RACE PCR using Clontech's marathon-ready hypothalamus cDNA as template and the manufacturer's recommended protocol for cycling condition. The 5' RACE PCR for the first and second round PCR were as follows:

5'-CATGAGCTGGTGGATCATGAAGGG-3' (SEQ.ID.NO.:3) and

5'-ATGAAGGGCATGCCCAGGAGAAAG-3' (SEQ.ID.NO.:4).

Nucleic acid and amino acid sequences were thereafter determined and verified with the published sequences found on GenBank having Accession Number U71092.

Example 3581

Preparation of Non-Endogenous, Constitutively Active MCH Receptor.

Preparation of a non-endogenous version of the human MCH receptor was accomplished by creating a MCH-IC3-SST2 mutation (*see;* SEQ.ID.NO.:7 for nucleic acid sequence, and SEQ.ID.NO.:8 for amino acid sequence). Blast result showed that MCH receptor had the highest sequence homology to known SST2 receptor. Thus the third intracellular loop ("IC3") of MCH receptor was replaced with that of the IC3 of SST2

receptor to see if the chimera would show constitutive activity.

The BamHI-BstEII fragment containing IC3 of MCH receptor was replaced with synthetic oligonucleotides that contained the IC3 of SST2. The PCR sense mutagenesis primer used had the following sequence:

5'-GATCCTGCAGAAGGTGAAGTCCTCTGGAATCCGAGTGGGCTCCTCTAAGAG
GAAGAAGTCTGAGAAGAAG-3' (SEQ.ID.NO.:9)

and the antisense primer had the following sequence:

5'-GTGACCTTCTTCTCAGACTTCTTCCTCTTAGAGGAGCCCACTCGGATTCCAG
AGGACTTCACCTTCTGCAG-3' (SEQ.ID.NO.:10).

The endogenous MCH receptor cDNA was used as a template.

Example 3582

GPCR Fusion Protein Preparation.

MCH Receptor-Giα Fusion Protein construct was made as follows: primers were designed for endogenous MCH receptor was as follows:

5'-GTGAAGCTTGCCCGGGCAGGATGGACCTGG-3' (SEQ.ID.NO.:11; sense)

5'-ATCTAGAGGTGCCTTTGCTTTCTG-3' (SEQ.ID.NO.:12; anitsense).

The sense and anti-sense primers included the restriction sites for KB4 and XbaI, respectively.

PCR was utilized to secure the respective receptor sequences for fusion within the Giα universal vector disclosed above, using the following protocol for each: 100ng cDNA for MCH receptor was added to separate tubes containing 2ul of each primer (sense and anti-sense), 3uL of 10mM dNTPs, 10uL of 10XTaqPlus™ Precision buffer, 1uL of TaqPlus™ Precision polymerase (Stratagene: #600211), and 80uL of water. Reaction temperatures and cycle times for MCH receptor were as follows: the initial denaturing step was done it 94°C for five minutes, and a cycle of 94°C for 30 seconds; 55°C for 30 seconds; 72°C for two minutes. A final extension time was done at 72°C for ten minutes. PCR product for was run on a 1% agarose gel and then purified (data not shown). The purified product was digested with KB4 and XbaI (New England Biolabs) and the desired inserts will be isolated, purified and ligated into the Gi universal vector at the respective restriction site. The positive clones was isolated following transformation and determined by restriction enzyme digest; expression using 293 cells was accomplished

following the protocol set forth *infra*. Each positive clone for MCH receptor: Gi-Fusion Protein was sequenced and made available for the direct identification of candidate compounds. (*See*, SEQ.ID.NO.:13 for nucleic acid sequence and SEQ.ID.NO.:14 for amino acid sequence).

Endogenous version of MCH receptor was fused upstream from the G protein Gi and is located at nucleotide 1 through 1,059 (*see*, SEE.ID.NO.:13) and amino acid residue 1 through 353 (*see*, SEQ.ID.NO.:14). With respect to the MCH receptor, 2 amino acid residues (an equivalent of 6 nucleotides) were placed in between the endogenous (or non-endogenous) GPCR and the start codon for the G protein Giα. Therefore, the Gi protein is located at nucleotide 1,066 through 2,133 (*see*, SEQ.ID.NO.:13) and at amino acid residue 356 through 711 (*see*, SEQ.ID.NO.:14). Those skilled in the art are credited with the ability to select techniques for constructing a GPCR Fusion Protein where the G protein is fused to the 3' end of the GPCR of interest.

Example 3583

ASSAY FOR DETERMINATION OF CONSTITUTIVE ACTIVITY OF NON-ENDOGENOUS GPCRS

A. Intracellular IP_3 Accumulation Assay

On day 1, cells comprising the receptors (endogenous and/or non-endogenous) can be plated onto 24 well plates, usually $1x10^5$ cells/well (although his umber can be optimized. On day 2 cells can be transfected by firstly mixing 0.25ug DNA in 50 ul serum free DMEM/well and 2 ul lipofectamine in 50 µl serum-free DMEM/well. The solutions are gently mixed and incubated for 15-30 min at room temperature. Cells are washed with 0.5 ml PBS and 400 µl of serum free media is mixed with the transfection media and added to the cells. The cells are then incubated for 3-4 hrs at 37°C/5%CO_2 and then the transfection media is removed and replaced with 1ml/well of regular growth media. On day 3 the cells are labeled with ^{3}H-myo-inositol. Briefly, the media is removed and the cells are washed with 0.5 ml PBS. Then 0.5 ml inositol-free/serum free media (GIBCO BRL) is added/well with 0.25 µCi of ^{3}H-myo-inositol/ well and the cells are incubated for 16-18 hrs o/n at 37°C/5%CO_2. On Day 4 the cells are washed with 0.5 ml PBS and 0.45 ml of assay medium is added containing inositol-free/serum free media 10µM pargyline 10 mM lithium chloride or 0.4 ml of assay medium and 50 ul of 10x

ketanserin (ket) to final concentration of 10μM. The cells are then incubated for 30 min at 37°C. The cells are then washed with 0.5 ml PBS and 200 ul of fresh/ice cold stop solution (1M KOH; 18 mM Na-borate; 3.8 mM EDTA) is added/well. The solution is kept on ice for 5-10 min or until cells were lysed and then neutralized by 200 μl of fresh/ice cold neutralization sol. (7.5 % HCL). The lysate is then transferred into 1.5 ml eppendorf tubes and 1 ml of chloroform/methanol (1:2) is added/tube. The solution is vortexed for 15 sec and the upper phase is applied to a Biorad AG1-X8™ anion exchange resin (100-200 mesh). Firstly, the resin is washed with water at 1:1.25 W/V and 0.9 ml of upper phase is loaded onto the column. The column is washed with 10 mls of 5 mM myo-inositol and 10 ml of 5 mM Na-borate/60mM Na-formate. The inositol tris phosphates are eluted into scintillation vials containing 10 ml of scintillation cocktail with 2 ml of 0.1 M formic acid/ 1 M ammonium formate. The columns are regenerated by washing with 10 ml of 0.1 M formic acid/3M ammonium formate and rinsed twice with H_2O and stored at 4°C in water.

Reference is made to Figure 1. Figure 1 provides an illustration of IP_3 production from several non-endogenous, constitutively activated version of MCH receptor as compared with the endogenous version of this receptor. When compared to the endogenous version of MCH receptor ("MCH-R wt"), MCH-IC3-SST2 evidenced about a 27% increase in IP_3 accumulation.

Example 3584

Determination of Compound Using [^{35}S]GTPγS ASSAY

Direct identification of candidate compounds was initially screened using [^{35}S]GTPγS Assay (see, Example 6 of co-pending patent application 09/826,509). Preferably, an MCH receptor: Gi Fusion Protein was utilized, according to Example 6(2) of co-pending patent application 09/826,509. Several lead hits were identified utilizing [^{35}S]GTPγS Assay.

Example 3585

High Throughput Functional Screening: FLIPR™

Subsequently, a functional based assay was used to confirm the lead hits, referred to as FLIPR™ (the Fluorometric Imaging Plate Reader) and FDSS6000™ (Functional

Drug Screening System). This assay utilized a non-endogenous version of the MCH receptor, which was created by swapping the third intracellular loop of the MCH receptor with that of the SST2 receptor (see Example 2(B)(2) of patent application serial number 09/826,509).

The FLIPR and FDSS assays are able to detect intracellular Ca^{2+} concentration in cells, which can be utilized to assess receptor activation and determine whether a candidate compound is an, for example, antagonist, inverse agonist or agonist to a Gq-coupled receptor. The concentration of free Ca^{2+} in the cytosol of any cell is extremely low, whereas its concentration in the extracellular fluid and endoplasmic reticulum (ER) is very high. Thus, there is a large gradient tending to drive Ca^{2+} into the cytosol across both the plasma membrane and ER. The FLIPR™ and FDSS6000™ systems (Molecular Devices Corporation, HAMAMATSU Photonics K.K.) are designed to perform functional cell-based assays, such as the measurement of intracellular calcium for high-throughput screening. The measurement of fluorescent is associated with calcium release upon activation of the Gq-coupled receptors. Gi or Go coupled receptors are not as easily monitored through the FLIPR™ and FDSS6000™ systems because these G proteins do not couple with calcium signal pathways.

To confirm the lead hits identified using the [^{35}S]GTPγS assay, Fluorometric Imaging Plate Reader system was used to allow for rapid, kinetic measurements of intracellular fluorescence in 96 well microplates (or 384 well microplates). Simultaneous measurements of fluorescence in all wells can be made by FLIPR or FDSS6000™ every second with high sensitivity and precision. These systems are ideal for measuring cell-based functional assays such as monitoring the intracellular calcium fluxes that occur within seconds after activation of the Gq coupled receptor.

Briefly, the cells are seeded into 96 well at $5.5x10^4$ cells/well with complete culture media (Dulbecco's Modified Eagle Medium with 10 % fetal bovine serum, 2 mM L-glutamine, 1 mM sodium pyruvate and 0.5 mg/ml G418, pH 7.4) for the assay next day. On the day of assay, the media is removed and the cells are incubated with 100 μl of loading buffer (4 μM Fluo4-AM in complete culture media containing 2.5 mM Probenicid, 0.5 mg/ml and 0.2% bovine serum albumin) in 5% CO_2 incubator at 37°C for 1 hr. The loading buffer is removed, and the cells are washed with wash buffer (Hank's Balanced Salt Solution containing 2.5 mM Probenicid, 20 mM HEPES, 0.5 mg/ml and 0.2% bovine

serum albumin, pH 7.4)). One hundred fifty μl of wash buffer containing various concentrations of test compound are added to the cells, and the cells are incubated in 5% CO_2 incubator at 37°C for 30 min. Fifty μl of wash buffer containing various concentration of MCH are added to each well, and transient changes in $[Ca^{2+}]i$ evoked by MCH are monitored using the FLIPR or FDSS in 96 well plates at Ex. 488 nm and Em. 530 nm for 290 second. When antagonist activity of compound is tested, 50 nM of MCH is used.

Use of FLIPR™ and FDSS6000™ can be accomplished by following manufacturer's instruction (Molecular Device Corporation and HAMAMATSU Photonics K.K.).

The results were shpwn below.

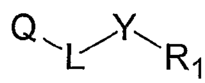
Compound No.	**IC_{50} value (nM)**
Example 41	**6**
Example 42	**19**

It is intended that each of the patents, applications, printed publications, and other published documents mentioned or referred to in this specification be herein incorporated by reference in their entirety.

Those skilled in the art will appreciate that numerous changes and modifications may be made to the preferred embodiments of the invention and that such changes and modifications may be made without departing from the spirit of the invention. It is therefore intended that the appended claims cover all such equivalent variations as fall within the true spirit and scope of the invention.

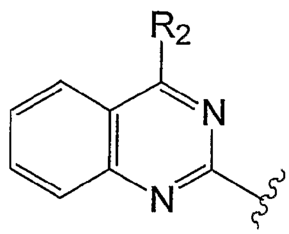
What is claimed is:

1. A compound of Formula I:

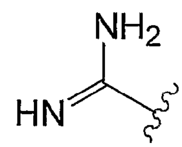


I

wherein Q is



or



II III

R_1 represents

(i) C_1-C_{16} alkyl,

C_1-C_{16} alkyl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•oxo,

•C_1-C_3 alkoxy,

•C_1-C_3 alkoxy substituted by substituent(s) independently selected from

••carbocyclic aryl,

••heterocyclyl,

••heterocyclyl substituted by C_1-C_3 alkyl,

•C_1-C_3 alkylcarbonyloxy,

•carbocyclyloxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by substituent(s) independently selected from

••halogen,

••nitro,

••carbocyclic aryl,

••carbocyclic aryl substituted by C_1-C_3 alkoxy,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by substituent(s) independently selected from

•••oxo,

•••mono- or di-C_1-C_3 alkylamino,

•••mono- or di-C_1-C_3 alkylamino substituted by carbocyclic aryl,

•••mono- or di-C_1-C_3 alkylamino substituted by halogenated carbocyclic aryl,

•••carbocyclic arylcarbonylamino,

•••halogenated carbocyclic arylcarbonylamino,

•heterocyclyloxy,

•heterocyclyloxy substituted by C_1-C_3 alkyl,

•substituted heterocyclyl-ethylideneaminooxy,

•C_1-C_3 alkoxycarbonyl,

•C_1-C_3 alkoxycarbonyl substituted by carbocyclic aryl,

•mono- or di-C_1-C_3 alkylaminocarbonyl,

•mono- or di-C_1-C_3 alkylamino,

•mono- or di-C_1-C_3 alkylamino substituted by substituent(s) independently selected from

••cyano,

••carbocyclic aryl,

••heterocyclyl,

•mono- or di-carbocyclic arylamino,

•mono- or di-carbocyclic arylamino substituted by substituent(s) independently selected from

••hydroxy,

••C_1-C_3 alkyl,

•C_1-C_3 alkylcalbonylamino,

•C_1-C_3 alkylcalbonylamino substituted by substituent(s) independently selected from

••C_1-C_3 alkylcalbonylamino,

••carbocyclic arylcalbonylamino,

••heterocyclyl,

•C_1-C_4 alkoxycalbonylamino,

•heterocyclyl calbonylamino,

•carbocyclic arylsulfonylamino,

•carbocyclic arylsulfonylamino substituted by substituent(s) independently selected from

••nitro,

••C_1-C_3 alkyl,

••mono- or di-C_1-C_3 alkylamino,

•C_1-C_3 alkylthio,

•C_1-C_3 alkylthio substituted by substituent(s) independently selected from

••mono- or di-carbocyclic arylaminocarbonyl,

••halogenated mono- or di-carbocyclic arylaminocarbonyl,

••mono- or di-carbocyclic arylamino,

••halogenated mono- or di-carbocyclic arylamino,

••carbocyclic aryl,

••carbocyclic aryl substituted by substituent(s) independently selected from

•••halogen,

•••C_1-C_3 alkoxy,

•carbocyclic arylthio,

•carbocyclic arylthio substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

•carbocyclic arylsulfonyl,

•halogenated carbocyclic arylsulfonyl,

•heterocyclylthio,

•heterocyclylthio substituted by substituent(s) independently selected from

••nitro,

••C_1-C_3 alkyl,

•C_3-C_6 cycloalkyl,

•C_3-C_6 cycloalkyl substituted by C_1-C_3 alkyl,

•C_3-C_6 cycloalkenyl,

•carbocyclyl,

•carbocyclyl substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••C_2-C_3 alkenyl,

••C_2-C_3 alkenyl substituted by carbocyclic aryl,

••C_2-C_3 alkenyl substituted by carbocyclic aryl substituted C_1-C_3 alkylsulfinyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••nitro,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by substituent(s) independently selected from

•••halogen,

•••hydroxy,

•••oxo,

•••carbocyclic aryl,

•••heterocyclyl,

•••mono- or di-carbocyclic arylamino,

•••mono- or di-carbocyclic arylamino substituted by substituent(s) independently selected from

••••halogen,

••••nitro,

••••C_1-C_3 alkyl,

••••C_1-C_3 alkoxy,

••••halogenated C_1-C_3 alkoxy,

••C_1-C_4 alkoxy,

••C_1-C_4 alkoxy substituted by substituent(s) independently selected from

•••halogen,

•••carbocyclic aryl,

••carbocyclic aryloxy,

••C_1-C_3 alkoxycarbonyl,

••C_1-C_3 alkylcarbonyloxy,

••mono- or di-C_1-C_3 alkylamino,

••mono- or di-carbocyclic arylamino,

••halogenated mono- or di-carbocyclic arylamino,

••mono- or di-carbocyclic arylaminocarbonyl,

••mono- or di-carbocyclic arylaminocarbonyl substituted by substituent(s) independently selected from

•••halogen,

•••nitro,

•••C_1-C_3 alkyl,

•••C_1-C_3 alkoxy,

•••halogenated C_1-C_3 alkoxy,

••mercapto,

••C_1-C_3 alkylthio,

••halogenated C_1-C_3 alkylthio,

••C_1-C_3 alkylsulfonyl,

••C_3-C_6 cycloalkyl,

••carbocyclic aryl,

••heterocyclyl,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••hydroxy,

••C_1-C_3 alkyl,

••C_1-C_3 alkyl substituted by carbocyclic aryl,

••C_1-C_3 alkoxy,

••C_1-C_3 alkoxy substituted by carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

(ii) C_2-C_8 alkenyl,

C_2-C_8 alkenyl substituted by substituent(s) independently selected from

•halogen,

•oxo,

•C_1-C_3 alkoxy,

•C_1-C_3 alkoxy substituted by carbocyclic aryl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••nitro,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••halogenated C_1-C_3 alkoxy,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••hydroxy,

••nitro,

••C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

(iii) C_2-C_4 alkynyl,

C_2-C_4 alkynyl substituted by carbocyclic aryl,

(iv) C_3-C_6 cycloalkyl,

C_3-C_6 cycloalkyl substituted by substituent(s) independently selected from

•C_1-C_3 alkyl,

•C_1-C_3 alkyl substituted by substituent(s) independently selected from

••hydroxy,

••oxo,

••carbocyclic aryl,

•mono- or di-C_1-C_3 alkylamino,

•mono- or di-C_1-C_3 alkylamino substituted by carbocyclic aryl,

•carbocyclic arylcarbonylamino,

•carbocyclic aryl,

(v) C_3-C_6 cycloalkeyl,

C_3-C_6 cycloalkeyl substituted by C_1-C_3 alkyl,

(vi) carbocyclyl,

carbocyclyl substituted by substituent(s) independently selected from

•hydroxy,

•nitro,

(vii) carbocyclic aryl,

carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•nitro,

•C_1-C_9 alkyl,

•C_1-C_9 alkyl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••oxo,

••C_1-C_3 alkoxy,

••carbocyclic aryloxy,

••mono- or di-C_1-C_3 alkylamino-N-oxy,

••mono- or di-C_1-C_3 alkylamino,

••mono- or di-C_1-C_3 alkylamino substituted by carbocyclic aryl,

••mono- or di-carbocyclic arylamino,

••carbocyclylimino,

••carbocyclylimino substituted by carbocyclic aryl,

••mono- or di-carbocyclic arylamino,

••mono- or di-carbocyclic arylamino substituted by C_1-C_3 alkoxy,

••mono- or di-carbocyclic arylaminocarbonyl,

••mono- or di-carbocyclic arylaminocarbonyl substituted by C_1-C_3 alkoxy,

••carbocyclic aryl,

••carbocyclic aryl substituted by substituent(s) independently selected from

•••halogen,

•••C_1-C_3 alkyl,

•••halogenated C_1-C_3 alkyl,

••heterocyclyl,

••heterocyclyl substituted by C_1-C_3 alkyl,

•C_2-C_3 alkenyl,

•C_2-C_3 alkenyl substituted by carbocyclic aryl,

•C_1-C_9 alkoxy,

•C_1-C_9 alkoxy substituted by substituent(s) independently selected from

••hydroxy,

••halogen,

••carboxy,

••mono- or di-C_1-C_3 alkylamino,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

••heterocyclyl,

••heterocyclyl substituted by substituent(s) independently selected from

•••halogen,

•••heterocyclyl,

•••heterocyclyl substituted by substituent(s) independently selected from

••••halogen,

••••C_1-C_3 alkyl,

••••halogenated C_1-C_3 alkyl,

•C_2-C_3 alkenyloxy,

•C_1-C_3 alkylcarbonyloxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by substituent(s) independently selected from

••halogen,

••nitro,

••C_1-C_4 alkyl,

••halogenated C_1-C_4 alkyl,

••C_1-C_3 alkoxy,

•heterocyclyloxy,

•heterocyclyloxy substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

•(carbocyclic aryl)$S(O)_2O$,

•carboxy,

•C_1-C_3 alkoxycarbonyl,

•mono- or di-C_1-C_3 alkylaminocarbonyl,

•mono- or di-C_1-C_3 alkylaminocarbonyl substituted by carbocyclic aryl,

•mono- or di-carbocyclic arylaminocarbonyl,

•mono- or di-carbocyclic arylaminocarbonyl substituted by C_1-C_3 alkyl,

•amino,

•mono- or di-C_1-C_4 alkylamino,

•mono- or di-C_1-C_4 alkylamino substituted by cyano,

•mono- or di-carbocyclic arylamino,

•C_1-C_3 alkynylcarbonylamino,

•C_1-C_3 alkynylcarbonylamino substituted by carbocyclic aryl,

•carbocyclic arylsulfonylamino,

•carbocyclic arylsulfonylamino substituted by C_1-C_3 alkyl,

•(carbocyclic aryl)NHC(O)NH,

•(carbocyclic aryl)NHC(O)NH substituted by C_1-C_3 alkoxy,

•(carbocyclic aryl)NHC(O)NH substituted by haloganated C_1-C_3 alkoxy,

•carbocyclic aryl diazo,

•carbocyclic aryl diazo substituted by mono- or di- C_1-C_3 alkylamino,

•C_1-C_3 alkylthio,

•halogenated C_1-C_3 alkylthio,

•carbocyclic arylthio,

•carbocyclic arylthio substituted by substituent(s) independently selected from

••halogen,

••cyano,

••C_1-C_3 alkyl,

•heterocyclylthio,

•C_1-C_3 alkylsulfonyl,

•mono- or di-C_1-C_3 alkylaminosulfonyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••C_1-C_7 alkyl,

••halogenated C_1-C_7 alkyl,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••C_1-C_3 alkyl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

(viii) heterocyclyl,

or heterocyclyl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•nitro,

•C_1-C_4 alkyl,

•C_1-C_4 alkyl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••oxo,

••C_1-C_3 alkylcarbonyloxy,

••carbocyclic arylcarbonylamino,

••halogenated carbocyclic arylcarbonylamino,

••C_1-C_3 alkoxycarbonyl,

••C_1-C_3 alkylthio,

••C_1-C_3 alkylthio substituted by carbocyclic aryl,

••C_1-C_3 alkylthio substituted by halogenated carbocyclic aryl,

••carbocyclic aryl,

••carbocyclic aryl substituted by substituent(s) independently selected from

•••halogen,

•••nitro,

••heterocyclyl,

••heterocyclyl substituted by substituent(s) independently selected from

•••halogen,

•••C_1-C_3 alkyl,

•••halogenated C_1-C_3 alkyl,

•C_1-C_3 alkoxy,

•C_1-C_3 alkoxy substituted by carbocyclic aryl,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

•mono- or di-C_1-C_3 alkylamino,

•C_1-C_4 alkylcarbonylamino,

•C_1-C_3 alkylthio,

•C_1-C_3 alkenylthio,

•carbocyclic arylthio,

•halogenated carbocyclic arylthio,

•carbocyclic arylthio substituted by C_1-C_3 alkoxycarbonyl,

•heterocyclylthio,

•heterocyclylthio substituted by C_1-C_3 alkyl,

•C_1-C_3 alkylsulfonyl,

•carbocyclic arylsulfonyl,

•halogenated carbocyclic arylsulfonyl,

•carbocyclic arylsulfonyl substituted by C_1-C_4 alkyl,

•C_1-C_3 alkoxycarbonyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••nitro,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••halogenated C_1-C_3 alkoxy,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••C_1-C_3 alkoxycarbonyl;

R_2 is -$NHNH_2$, -NHNHBoc, -$N(R_{2a})(R_{2b})$, morpholino, 4-acetyl-piperazyl, or 4-phenyl-piperazyl;

wherein R_{2a} is H or C_1-C_3 alkyl;

R_{2b} is C_1-C_4 alkyl, C_1-C_4 alkyl substituted by substituent(s) independently selected from

•hydroxy,

•C_1-C_3 alkoxy,

•amino,

•-NHBoc,

•C_3-C_6 cycloalkyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••-SO_2NH_2,

•heterocyclyl,

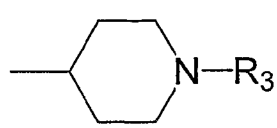
C_3-C_6 cycloalkyl, carbocyclic aryl, carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•C_1-C_3 alkyl,

•C_1-C_3 alkoxy,

or a group of Formula IV;



IV

wherein Boc is carbamic acid *tert*-butyl ester and R_3 is C_1-C_3 alkyl or C_1-C_3 alkyl

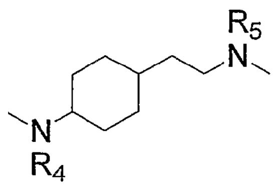
substituted by substituent(s) independently selected from

•carbocyclic aryl,

•halogenated carbocyclic aryl,

•carbocyclic aryl substituted by C_1-C_3 alkoxy;

L is selected from Formula V - XIX;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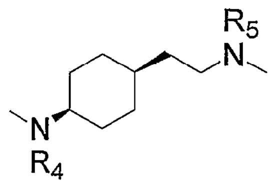
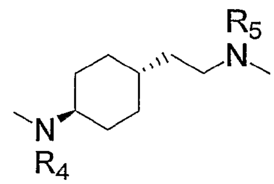

Va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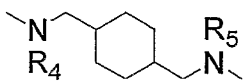
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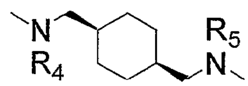
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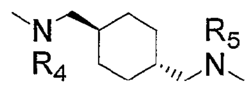
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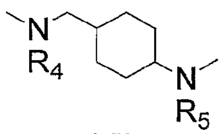
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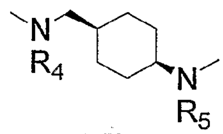
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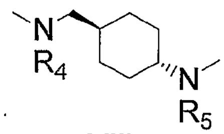
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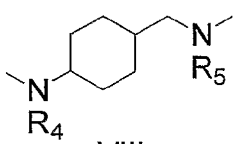
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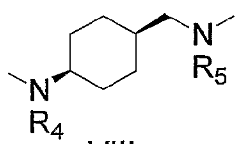
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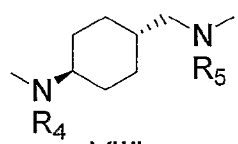
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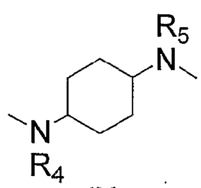
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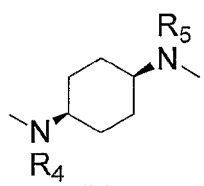
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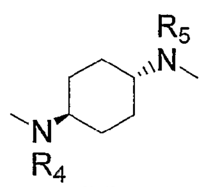
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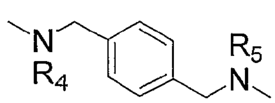
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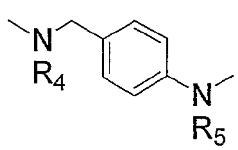
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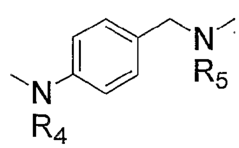
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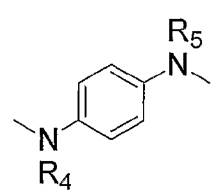
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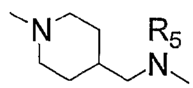

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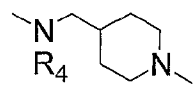

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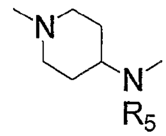

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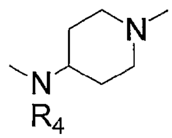

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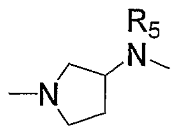

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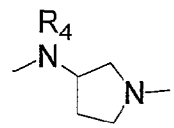


XIX

wherein R_4 is H or C_1-C_3 alkyl;

R_5 is H, C_1-C_3 alkyl, or C_1-C_3 alkyl substituted by a substituted carbocyclic aryl;

Y is -$S(O)_2$-, -C(O)-, or -$(CH_2)_m$;

m is 0 or 1;

wherein carbocyclic aryl is phenyl, naphthyl, anthranyl, biphenyl, or phenanthryl;

carbocyclyl is 10,11-dihydro-5-oxo-dibenzo[a,d]cycloheptyl, 1-oxo-indanyl, 7,7-dimethyl-2-oxo-bicyclo[2.2.1]heptyl, 9*H*-fluorenyl, 9-oxo-fluorenyl, acenaphthyl, anthraquinonyl, *C*-fluoren-9-ylidene, indanyl, indenyl, 1,2,3,4-tetrahydro-naphthyl, or bicyclo[2.2.1]hepteny;

heterocyclyl is 1,2,3,4-tetrahydro-isoquinolyl, 1,2,3-thiadiazolyl, 1,2,3-triazolyl, 1,2-dihydro-3-oxo-pyrazolyl, 1,3,4-thiadiazolyl, 1,3-dioxo-isoindolyl, 1,3-dioxolanyl, 1*H*-indolyl, 1*H*-pyrrolo[2,3-c]pyridyl, 1*H*-pyrrolyl, 1-oxo-3*H*-isobenzofuranyl, 2,2',5',2''-terthiophenyl, 2,2'-bithiophenyl, 2,3-dihydro-1-oxo-isoindolyl, 2,3-dihydro-benzo[1,4]dioxinyl, 2,4-dihydro-3-oxo-pyrazolyl, 2*H*-benzopyranyl, 2-oxo-benzopyranyl, 2-oxo-pyrrolidinyl, 3,4-dihydro-2*H*-benzo[1,4]oxazinyl, 3,4-dihydro-2*H*-benzo[b][1,4]dioxepinyl, 4*H*-benzo[1,3]dioxinyl, 4*H*-benzopyranyl, 4-oxo-1,5,6,7-tetrahydro-indolyl, 4-oxo-3,4-dihydro-phthalazinyl, 4-oxo-benzopyranyl, 9,10,10-trioxo-thioxanthenyl, 9*H*-carbazolyl, 9*H*-xanthenyl, azetidinyl, benzimidazolyl, benzo[1,3]dioxolyl, benzo[2,1,3]oxadiazolyl, benzo[b]thienyl, benzofuryl, benzothiazolyl, cinnolyl, furyl, imidazo[2,1-b]thiazolyl, imidazolyl, isoxazolyl, morpholino, morpholinyl, oxazolyl, oxolanyl, piperazyl, piperidyl, piridyl, pyrazolo[5,1-b]thiazolyl, pyrazolyl, pyridyl, pyrimidyl, pyrrolidyl, quinolyl, quinoxalyl, thiazolidyl, thiazolyl, thienyl, thiolanyl, 2,3-

dihydro-benzofuryl, tetrahydro-thienyl, or benzofuranyl;

halogen is fluoro, chloro, bromo, or iodo;

or a salt thereof.

2. A compound according to claim 1, wherein Q is Fomura II;

R_1 represents

(i) C_1-C_{10} alkyl,

C_1-C_{10} alkyl substituted by substituent(s) independently selected from

•halogen,

•oxo,

•C_1-C_3 alkoxy,

•C_1-C_3 alkoxy substituted by carbocyclic aryl,

•C_1-C_3 alkylcarbonyloxy,

•carbocyclyloxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by substituent(s) independently selected from

••halogen,

••nitro,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by substituent(s) independently selected from

•••oxo,

•••carbocyclic arylcarbonylamino,

•••halogenated carbocyclic arylcarbonylamino,

•heterocyclyloxy,

•heterocyclyloxy substituted by C_1-C_3 alkyl,

•substituted heterocyclyl-ethylideneaminooxy,

•C_1-C_3 alkoxycarbonyl,

•C_1-C_3 alkoxycarbonyl substituted by carbocyclic aryl,

•mono- or di-C_1-C_3 alkylaminocarbonyl,

•mono- or di-carbocyclic arylamino,

•mono- or di-carbocyclic arylamino substituted by hydroxy,

•C_1-C_3 alkylcalbonylamino,

•C_1-C_3 alkylcalbonylamino substituted by substituent(s) independently selected from

••C_1-C_3 alkylcalbonylamino,

••carbocyclic arylcalbonylamino,

••heterocyclyl,

•C_1-C_4 alkoxycalbonylamino,

•heterocyclyl calbonylamino,

•carbocyclic arylsulfonylamino,

•carbocyclic arylsulfonylamino substituted by substituent(s) independently selected from

••nitro,

••C_1-C_3 alkyl,

••mono- or di-C_1-C_3 alkylamino,

•C_1-C_3 alkylthio,

•C_1-C_3 alkylthio substituted by substituent(s) independently selected from

••mono- or di-carbocyclic arylaminocarbonyl,

••halogenated mono- or di-carbocyclic arylaminocarbonyl,

••carbocyclic aryl,

••carbocyclic aryl substituted by substituent(s) independently selected from

•••halogen,

•••C_1-C_3 alkoxy,

•carbocyclic arylthio,

•carbocyclic arylthio substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

•carbocyclic arylsulfonyl,

•halogenated carbocyclic arylsulfonyl,

•heterocyclylthio,

•heterocyclylthio substituted by substituent(s) independently selected from

••nitro,

••C_1-C_3 alkyl,

•C_3-C_6 cycloalkyl,

•C_3-C_6 cycloalkyl substituted by C_1-C_3 alkyl,

•C_3-C_6 cycloalkenyl,

•carbocyclyl,

•carbocyclyl substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••C_2-C_3 alkenyl,

••C_2-C_3 alkenyl substituted by carbocyclic aryl,

••C_2-C_3 alkenyl substituted by carbocyclic aryl substituted C_1-C_3 alkylsulfinyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••nitro,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by substituent(s) independently selected from

•••oxo,

•••carbocyclic aryl,

•••heterocyclyl,

••C_1-C_4 alkoxy,

••C_1-C_4 alkoxy substituted by substituent(s) independently selected from

•••halogen,

•••carbocyclic aryl,

••carbocyclic aryloxy,

••C_1-C_3 alkylcarbonyloxy,

••mono- or di-carbocyclic arylamino,

••halogenated mono- or di-carbocyclic arylamino,

••mono- or di-carbocyclic arylaminocarbonyl,

••mono- or di-carbocyclic arylaminocarbonyl substituted by substituent(s) independently selected from

•••halogen,

•••nitro,

•••C_1-C_3 alkyl,

•••C_1-C_3 alkoxy,

•••halogenated C_1-C_3 alkoxy,

••mercapto,

••C_1-C_3 alkylthio,

••halogenated C_1-C_3 alkylthio,

••C_1-C_3 alkylsulfonyl,

••C_3-C_6 cycloalkyl,

••carbocyclic aryl,

••heterocyclyl,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••hydroxy,

••C_1-C_3 alkyl,

••C_1-C_3 alkyl substituted by carbocyclic aryl,

••C_1-C_3 alkoxy,

••C_1-C_3 alkoxy substituted by carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

(ii) C_2-C_6 alkenyl,

C_2-C_6 alkenyl substituted by substituent(s) independently selected from

•oxo,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••nitro,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••halogenated C_1-C_3 alkoxy,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

•• hydroxy,

••C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

(iii) C_3-C_6 cycloalkyl,

C_3-C_6 cycloalkyl substituted by substituent(s) independently selected from

•C_1-C_3 alkyl,

•C_1-C_3 alkyl substituted by substituent(s) independently selected from

••oxo,

••carbocyclic aryl,

•carbocyclic arylcarbonylamino,

•carbocyclic aryl,

(iv) carbocyclyl,

carbocyclyl substituted by nitro,

(v) carbocyclic aryl,

carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•nitro,

•C_1-C_9 alkyl,

•C_1-C_9 alkyl substituted by substituent(s) independently selected from

••halogen,

••oxo,

••carbocyclic aryloxy,

••carbocyclylimino,

••carbocyclylimino substituted by carbocyclic aryl,

••mono- or di-carbocyclic arylaminocarbonyl,

••mono- or di-carbocyclic arylaminocarbonyl substituted by C_1-C_3 alkoxy,

••carbocyclic aryl,

••carbocyclic aryl substituted by substituent(s) independently selected from

•••halogen,

•••C_1-C_3 alkyl,

•••halogenated C_1-C_3 alkyl,

••heterocyclyl,

••heterocyclyl substituted by C_1-C_3 alkyl,

•C_1-C_7 alkoxy,

•C_1-C_7 alkoxy substituted by substituent(s) independently selected from

••halogen,

••carbocyclic aryl,

•C_1-C_3 alkylcarbonyloxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by C_1-C_3 alkoxy,

•C_1-C_3 alkoxycarbonyl,

•mono- or di-C_1-C_3 alkylaminocarbonyl,

•mono- or di-C_1-C_3 alkylaminocarbonyl substituted by carbocyclic aryl,

•mono- or di-carbocyclic arylaminocarbonyl,

•mono- or di-carbocyclic arylaminocarbonyl substituted by C_1-C_3 alkyl,

•amino,

•mono- or di-C_1-C_3 alkylamino,

•C_1-C_3 alkynylcarbonylamino,

•C_1-C_3 alkynylcarbonylamino substituted by carbocyclic aryl,

•carbocyclic arylsulfonylamino,

•carbocyclic arylsulfonylamino substituted by C_1-C_3 alkyl,

•(carbocyclic aryl)NHC(O)NH,

•(carbocyclic aryl)NHC(O)NH substituted by C_1-C_3 alkoxy,

•(carbocyclic aryl)NHC(O)NH substituted by haloganated C_1-C_3 alkoxy,

•C_1-C_3 alkylthio,

•halogenated C_1-C_3 alkylthio,

•carbocyclic arylthio,

•carbocyclic arylthio substituted by cyano,

•C_1-C_3 alkylsulfonyl,

•mono- or di-C_1-C_3 alkylaminosulfonyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••C_1-C_7 alkyl,

••halogenated C_1-C_7 alkyl,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••C_1-C_3 alkyl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

(vi) heterocyclyl,

or heterocyclyl substituted by substituent(s) independently selected from

•halogen,

•nitro,

•C_1-C_4 alkyl,

•C_1-C_4 alkyl substituted by substituent(s) independently selected from

••halogen,

••oxo,

••C_1-C_3 alkylthio,

••C_1-C_3 alkylthio substituted by carbocyclic aryl,

••C_1-C_3 alkylthio substituted by halogenated carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

••heterocyclyl,

•C_1-C_3 alkoxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

•C_1-C_3 alkylthio,

•C_1-C_3 alkenylthio,

•carbocyclic arylthio,

•C_1-C_3 alkylsulfonyl,

•carbocyclic arylsulfonyl,

•halogenated carbocyclic arylsulfonyl,

•carbocyclic arylsulfonyl substituted by C_1-C_4 alkyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••nitro,

••C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl;

Y is -C(O)-;

wherein carbocyclic aryl is phenyl, naphthyl, anthranyl, or biphenyl;

carbocyclyl is 10,11-dihydro-5-oxo-dibenzo[a,d]cycloheptyl, 1-oxo-indanyl, 9*H*-fluorenyl, 9-oxo-fluorenyl, acenaphthyl, anthraquinonyl, *C*-fluoren-9-ylidene, indanyl, indenyl, 1,2,3,4-tetrahydro-naphthyl, or bicyclo[2.2.1]hepteny;

heterocyclyl is 1,2,3-thiadiazolyl, 1,2,3-triazolyl, 1,2-dihydro-3-oxo-pyrazolyl, 1,3-dioxo-isoindolyl, 1*H*-indolyl, 1*H*-pyrrolyl, 1-oxo-3*H*-isobenzofuranyl, 2,3-dihydro-benzo[1,4]dioxinyl, 2,3-dihydro-benzofuryl, 2,4-dihydro-3-oxo-pyrazolyl, 2*H*-benzopyranyl, 2-oxo-benzopyranyl, 2-oxo-pyrrolidinyl, 3,4-dihydro-2*H*-benzo[b][1,4]dioxepinyl, 4-oxo-1,5,6,7-tetrahydro-indolyl, 4-oxo-3,4-dihydro-phthalazinyl, 4-oxo-benzopyranyl, 9,10,10-trioxo-thioxanthenyl, 9*H*-xanthenyl, azetidinyl, benzimidazolyl, benzo[1,3]dioxolyl, benzo[2,1,3]oxadiazolyl, benzo[b]thienyl, cinnolyl, furyl, imidazolyl, isoxazolyl, morpholino, morpholinyl, oxazolyl, oxolanyl, piperidyl, piridyl, pyrazolyl, pyridyl, pyrimidyl, pyrrolidyl, quinolyl, quinoxalyl, thiazolidyl, thiazolyl, thienyl, thiolanyl, tetrahydro-thienyl, benzofuranyl, or benzothiazolyl;

halogen is fluoro, chloro, bromo, or iodo;

or a salt thereof.

3. A compound according to claim 2, wherein

R_1 represents

(i) C_1-C_{10} alkyl,

C_1-C_{10} alkyl substituted by substituent(s) independently selected from

•oxo,

•di-propylaminocarbonyl,

•methoxy substituted by carbocyclic aryl,

•methylcarbonyloxy,

•carbocyclic aryloxy,

•halogenated carbocyclic aryloxy,

•carbocyclic aryloxy substituted by nitro,

•heterocyclyloxy substituted by methyl,

•substituted heterocyclyl-ethylideneaminooxy,

•*tert*-butoxycarbonylamino,

•carbocyclic arylcarbonylamino,

•C_1-C_2 alkylthio,

•C_1-C_2 alkylthio substituted by substituent(s) independently selected from

••halogenated carbocyclic aryl,

••carbocyclic aryl substituted by methoxy,

•carbocyclic arylthio,

•hetrocyclylthio substituted by nitro,

•hetrocyclylthio substituted by methyl,

•C_5-C_6 cycloalkyl,

•C_5-C_6 cycloalkenyl,

•carbocyclyl substituted by substituent(s) independently selected from

••halogen,

••methyl,

••methoxy,

••ethenyl substituted by carbocyclic aryl substituted methylsulfinyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••nitro,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by substituent(s) independently selected from

•••oxo,

•••carbocyclic aryl,

•••heterocyclyl,

••C_1-C_4 alkoxy,

••halogenated C_1-C_4 alkoxy,

••C_1-C_4 alkoxy substituted by carbocyclic aryl,

••carbocyclic aryloxy,

••halogenated mono-carbocyclic arylaminocarbonyl,

••carbocyclic aryl,

••heterocyclyl,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••C_1-C_2 alkyl,

•• C_1-C_2 substituted by carbocyclic aryl,

••methoxy,

••methoxy substituted by carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

(ii) C_2-C_3 alkenyl substituted by substituent(s) independently selected from

•carbocyclic aryl,

•halogenated carbocyclic aryl,

•carbocyclic aryl substituted by nitro,

(iii) C_3-C_6 cycloalkyl,

C_3-C_6 cycloalkyl substituted by substituent(s) independently selected from

•methyl substituted by oxo,

•methyl substituted by carbocyclic aryl,

•carbocyclic aryl,

(iv) carbocyclyl,

(v) carbocyclic aryl,

carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•nitro,

•C_1-C_9 alkyl,

•C_1-C_9 alkyl substituted by substituent(s) independently selected from

••halogen,

••oxo,

••carbocyclic aryl,

••carbocyclic aryl substituted by methyl,

••carbocyclic aryloxy,

•C_1-C_7 alkoxy,

•halogenated C_1-C_7 alkoxy,

•C_1-C_7 alkoxy substituted by carbocyclic aryl,

•methylcarbonyloxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by methoxy,

•amino,

•di-methylamino,

•propargynylcarbonylamino substituted by carbocyclic aryl,

•carbocyclic arylsulfonylamino substituted by methyl,

•(carbocyclic aryl)NHC(O)NH substituted by halogenated methoxy,

•halogenated methylthio,

•carbocyclic arylthio substituted by cyano,

•di-propylamino sulfonyl,

•mono- or di- ethylaminocarbonyl substituted by carbocyclic aryl,

•carbocyclic aryl,

•heterocyclyl substituted by methyl,

•heterocyclyl substituted by halogenated carbocyclic aryl,

(vi) heterocyclyl,

or heterocyclyl substituted by substituent(s) independently selected from

•halogen,

•nitro,

•C_1-C_4 alkyl,

•C_1-C_4 alkyl substituted by substituent(s) independently selected from

••halogen,

••methylthio substituted by halogenated carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

••heterocyclyl,

•methoxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by methyl,

•C_1-C_3 alkylthio,

•propenylthio,

•carbocyclic arylthio,

•C_1-C_3 alkylsulfonyl,

•carbocyclic arylsulfonyl substituted by C_1-C_4 alkyl,

•carbocyclic aryl,

•halogenated carbocyclic aryl,

•carbocyclic aryl substituted by methyl,

•carbocyclic aryl substituted by nitro,

•heterocyclyl;

R_2 is methylamino or dimethylamino;

L is selected from Formula Va, VIIIa, or IXa;

wherein R_4 and R_5 are independently selected from H or C_1-C_3 alkyl;

wherein carbocyclic aryl is phenyl, naphthyl, anthranyl, or biphenyl;

carbocyclyl is 1-oxo-indanyl, 9-oxo-fluorenyl, indenyl, anthraquinonyl, *C*-fluoren-9-ylidene, 1,2,3,4-tetrahydro-naphthyl, or bicyclo[2.2.1]hepteny;

heterocyclyl is 1,2,3-thiadiazolyl, 1,2,3-triazolyl, 1,2-dihydro-3-oxo-pyrazolyl, 1,3-dioxo-isoindolyl, 1*H*-indolyl, 1*H*-pyrrolyl, 1-oxo-3*H*-isobenzofuranyl, 2,3-dihydro-benzo[1,4]dioxinyl, 2,4-dihydro-3-oxo-pyrazolyl, 2*H*-benzopyranyl, 2-oxo-benzopyranyl, 3,4-dihydro-2*H*-benzo[b][1,4]dioxepinyl, 4-oxo-3,4-dihydro-phthalazinyl, 4-oxo-benzopyranyl, 9,10,10-trioxo-thioxanthenyl, 9*H*-xanthenyl, azetidinyl, benzimidazolyl, benzo[1,3]dioxolyl, benzo[2,1,3]oxadiazolyl, benzo[b]thienyl, furyl, imidazolyl, isoxazolyl, morpholino, morpholinyl, oxolanyl, piperidyl, piridyl, pyrazolyl, pyridyl, quinolyl,

quinoxalyl, thiazolidyl, thiazolyl, thienyl, thiolanyl, 2,3-dihydro-1-oxo-isoindolyl, 2,3-dihydro-benzofuryl, 2-oxo-pyrrolidinyl, 4-oxo-1,5,6,7-tetrahydro-indolyl, cinnolyl, pyrimidyl, pyrrolidyl, tetrahydro-thienyl, benzofuranyl, or benzothiazolyl;

halogen is fluoro, chloro, bromo, or iodo;

or a salt thereof.

4. A compound according to claim 3, wherein

R_1 represents

(i) C_1-C_{10} alkyl substituted by substituent(s) independently selected from

•oxo,

•di-propylaminocarbonyl,

•methoxy substituted by carbocyclic aryl,

•methylcarbonyloxy,

•carbocyclic aryloxy,

•halogenated carbocyclic aryloxy,

•carbocyclic aryloxy substituted by nitro,

•heterocyclyloxy substituted by methyl,

•substituted heterocyclyl-ethylideneaminooxy,

•*tert*-butoxycarbonylamino,

•carbocyclic arylcarbonylamino,

•C_1-C_2 alkylthio,

•C_1-C_2 alkylthio substituted by substituent(s) independently selected from

••halogenated carbocyclic aryl,

••carbocyclic aryl substituted by methoxy,

•carbocyclic arylthio,

•hetrocyclylthio substituted by nitro,

•hetrocyclylthio substituted by methyl,

•C_5-C_6 cycloalkenyl,

•carbocyclyl substituted by substituent(s) independently selected from

••halogen,

••methyl,

••methoxy,

••ethenyl substituted by carbocyclic aryl substituted methylsulfinyl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••nitro,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by substituent(s) independently selected from

•••oxo,

•••carbocyclic aryl,

•••heterocyclyl,

••C_1-C_4 alkoxy,

••halogenated C_1-C_4 alkoxy,

••C_1-C_4 alkoxy substituted by carbocyclic aryl,

••carbocyclic aryloxy,

••halogenated mono-carbocyclic arylaminocarbonyl,

••carbocyclic aryl,

••heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••C_1-C_2 alkyl,

•• C_1-C_2 substituted by carbocyclic aryl,

••methoxy,

••methoxy substituted by carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

(ii) C_2-C_3 alkenyl substituted by substituent(s) independently selected from

•carbocyclic aryl,

•halogenated carbocyclic aryl,

•carbocyclic aryl substituted by nitro,

(iii) C_3-C_6 cycloalkyl substituted by substituent(s) independently selected from

•methyl substituted by oxo,

•methyl substituted by carbocyclic aryl,

•carbocyclic aryl,

(iv) carbocyclyl,

(v) carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•nitro,

•C_1-C_9 alkyl,

•C_1-C_9 alkyl substituted by substituent(s) independently selected from

••halogen,

••oxo,

••carbocyclic aryl,

••carbocyclic aryl substituted by methyl,

••carbocyclic aryloxy,

•C_1-C_7 alkoxy,

•halogenated C_1-C_7 alkoxy,

•C_1-C_7 alkoxy substituted by carbocyclic aryl,

•methylcarbonyloxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by methoxy,

•amino,

•di-methylamino,

•propargynylcarbonylamino substituted by carbocyclic aryl,

•carbocyclic arylsulfonylamino substituted by methyl,

•(carbocyclic aryl)NHC(O)NH substituted by halogenated methoxy,

•halogenated methylthio,

•carbocyclic arylthio substituted by cyano,

•di-propylamino sulfonyl,

•mono- or di- ethylaminocarbonyl substituted by carbocyclic aryl,

•carbocyclic aryl,

•heterocyclyl substituted by methyl,

•heterocyclyl substituted by halogenated carbocyclic aryl,

(vi) or heterocyclyl substituted by substituent(s) independently selected from

•halogen,

•nitro,

•C_1-C_4 alkyl,

•C_1-C_4 alkyl substituted by substituent(s) independently selected from

••halogen,

••methylthio substituted by halogenated carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

••heterocyclyl,

•methoxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by methyl,

•C_1-C_3 alkylthio,

•propenylthio,

•carbocyclic arylthio,

•C_1-C_3 alkylsulfonyl,

•carbocyclic arylsulfonyl,

•carbocyclic arylsulfonyl substituted by C_1-C_4 alkyl,

•carbocyclic aryl,

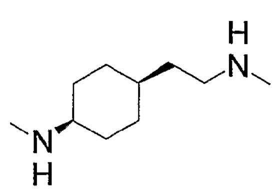
•halogenated carbocyclic aryl,

•carbocyclic aryl substituted by methyl,

•carbocyclic aryl substituted by nitro,

•heterocyclyl;

L is selected from Formula XX - XXII;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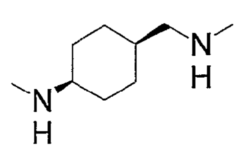
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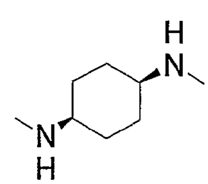

XXII

wherein carbocyclic aryl is phenyl, naphthyl, or biphenyl;

carbocyclyl is 1-oxo-indanyl, 9-oxo-fluorenyl, indenyl, anthraquinonyl, *C*-fluoren-

9-ylidene, 1,2,3,4-tetrahydro-naphthyl, or bicyclo[2.2.1]hepteny;

heterocyclyl is 1,2,3-thiadiazolyl, 1,2,3-triazolyl, 1,2-dihydro-3-oxo-pyrazolyl, 1*H*-indolyl, 1*H*-pyrrolyl, 2,4-dihydro-3-oxo-pyrazolyl, 2*H*-benzopyranyl, 4-oxo-benzopyranyl, azetidinyl, benzo[b]thienyl, furyl, isoxazolyl, morpholinyl, piperidyl, piridyl, pyrazolyl, pyridyl, quinolyl, thiazolidyl, thiazolyl, thienyl, thiolanyl, 2,3-dihydro-1-oxo-isoindolyl, 2,3-dihydro-benzofuryl, 2-oxo-benzopyranyl, 2-oxo-pyrrolidinyl, 4-oxo-1,5,6,7-tetrahydro-indolyl, 9*H*-xanthenyl, cinnolyl, imidazolyl, morpholino, pyrimidyl, pyrrolidyl, tetrahydro-thienyl, benzofuranyl, or benzothiazolyl;

halogen is fluoro, chloro, bromo, or iodo;

or a salt thereof.

5. A compound according to claim 4, wherein

R_1 represents

(i) C_1-C_5 alkyl substituted by substituent(s) independently selected from

•oxo,

•di-propylaminocarbonyl,

•methoxy substituted by carbocyclic aryl,

•methylcarbonyloxy,

•carbocyclic aryloxy,

•halogenated carbocyclic aryloxy,

•carbocyclic aryloxy substituted by nitro,

•heterocyclyloxy substituted by methyl,

•substituted heterocyclyl-ethylideneaminooxy,

•*tert*-butoxycarbonylamino,

•carbocyclic arylcarbonylamino,

•C_1-C_2 alkylthio,

•C_1-C_2 alkylthio substituted by substituent(s) independently selected from

••halogenated carbocyclic aryl,

••carbocyclic aryl substituted by methoxy,

•carbocyclic arylthio,

•hetrocyclylthio substituted by nitro,

•hetrocyclylthio substituted by methyl,

•cyclohexenyl,

•carbocyclyl substituted by substituent(s) independently selected from

••halogen,

••methyl,

••methoxy,

••ethenyl substituted by carbocyclic aryl substituted methylsulfinyl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••nitro,

•• C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by substituent(s) independently selected from

•••oxo,

•••carbocyclic aryl,

•••heterocyclyl,

••C_1-C_2 alkoxy,

••halogenated C_1-C_2 alkoxy,

••C_1-C_2 alkoxy substituted by carbocyclic aryl,

••carbocyclic aryloxy,

••halogenated mono-carbocyclic arylaminocarbonyl,

••carbocyclic aryl,

••heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••C_1-C_2 alkyl,

•• C_1-C_2 substituted by carbocyclic aryl,

••methoxy,

••methoxy substituted by carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

(ii) C_2-C_3 alkenyl substituted by substituent(s) independently selected from

•carbocyclic aryl,

•halogenated carbocyclic aryl,

•carbocyclic aryl substituted by nitro,

(iii) C_3-C_6 cycloalkyl substituted by substituent(s) independently selected from

•methyl substituted by oxo,

•methyl substituted by carbocyclic aryl,

•carbocyclic aryl,

(iv) carbocyclyl,

(v) carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•nitro,

•C_1-C_4 alkyl,

•C_1-C_2 alkyl substituted by substituent(s) independently selected from

••halogen,

••oxo,

••carbocyclic aryl,

••carbocyclic aryl substituted by methyl,

••carbocyclic aryloxy,

•C_1-C_2 alkoxy,

•halogenated C_1-C_2 alkoxy,

•C_1-C_2 alkoxy substituted by carbocyclic aryl,

•methylcarbonyloxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by methoxy,

•amino,

•di-methylamino,

•propargynylcarbonylamino substituted by carbocyclic aryl,

•carbocyclic arylsulfonylamino substituted by methyl,

•(carbocyclic aryl)NHC(O)NH substituted by halogenated methoxy,

•halogenated methylthio,

•carbocyclic arylthio substituted by cyano,

•di-propylamino sulfonyl,

•mono- or di- ethylaminocarbonyl substituted by carbocyclic aryl,

•carbocyclic aryl,

•heterocyclyl substituted by methyl,

•heterocyclyl substituted by halogenated carbocyclic aryl,

(vi) or heterocyclyl substituted by substituent(s) independently selected from

•halogen,

•nitro,

•C_1-C_4 alkyl,

•C_1-C_4 alkyl substituted by substituent(s) independently selected from

••halogen,

••methylthio substituted by halogenated carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

••heterocyclyl,

•methoxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by methyl,

•C_1-C_3 alkylthio,

•propenylthio,

•carbocyclic arylthio,

•C_1-C_3 alkylsulfonyl,

•carbocyclic arylsulfonyl,

•carbocyclic arylsulfonyl substituted by methyl,

•carbocyclic aryl,

•halogenated carbocyclic aryl,

•carbocyclic aryl substituted by methyl,

•carbocyclic aryl substituted by nitro,

•heterocyclyl;

wherein carbocyclic aryl is phenyl , naphthyl, or biphenyl;

carbocyclyl is 1-oxo-indanyl, indenyl, 9-oxo-fluorenyl, 1,2,3,4-tetrahydro-naphthyl, or bicyclo[2.2.1]hepteny;

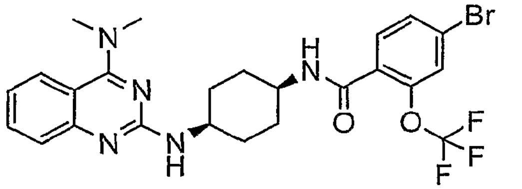
heterocyclyl is 1*H*-indolyl, 2,4-dihydro-3-oxo-pyrazolyl, furyl, pyrazolyl, pyridyl,

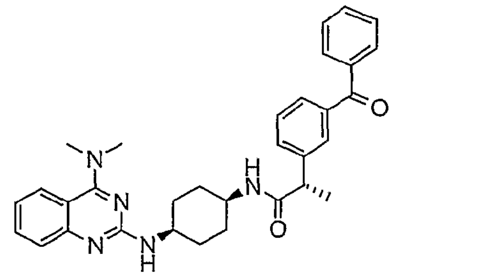
thienyl, 1,2,3-triazolyl, 1*H*-pyrrolyl, 2,3-dihydro-1-oxo-isoindolyl, 2,3-dihydro-benzofuryl, 2*H*-benzopyranyl, 2-oxo-benzopyranyl, 4-oxo-1,5,6,7-tetrahydro-indolyl, imidazolyl, isoxazolyl, morpholino, morpholinyl, pyrazolyl, pyrimidyl, quinolyl, thiazolyl, tetrahydro-thienyl, benzofuranyl, or benzothiazolyl;

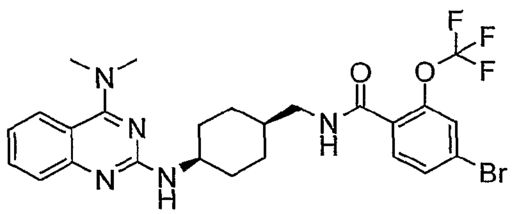
halogen is fluoro, chloro, bromo, or iodo;

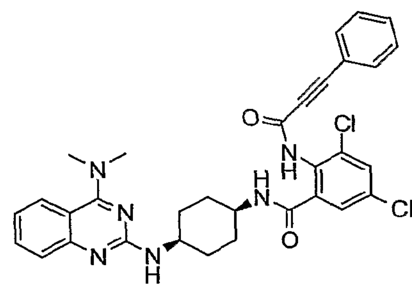
or a salt thereof.

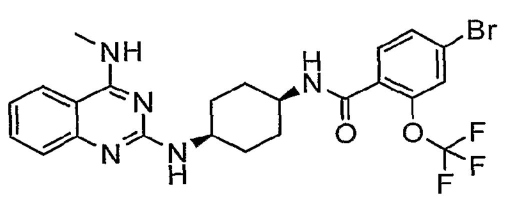
6. A compound according to claim 5 of Formua I selected from the group consisting of

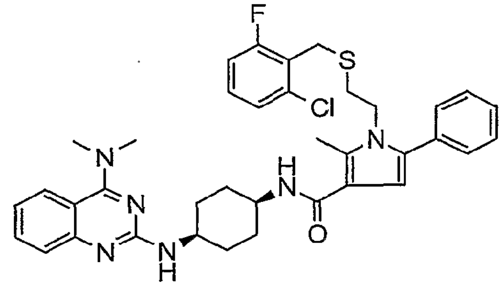
 ,

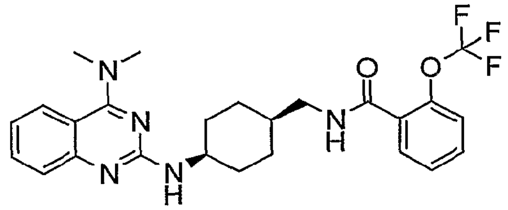
 ,

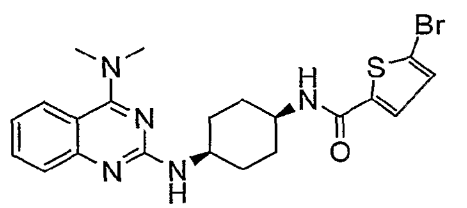
 ,

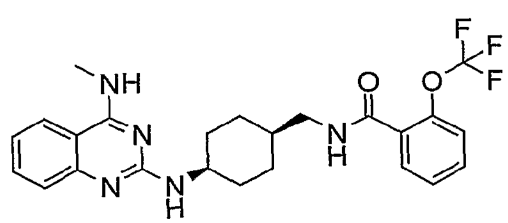
 ,

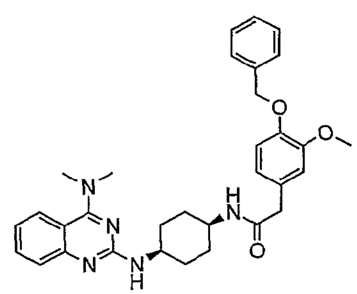
 ,

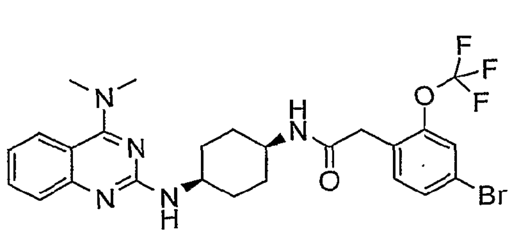
 ,

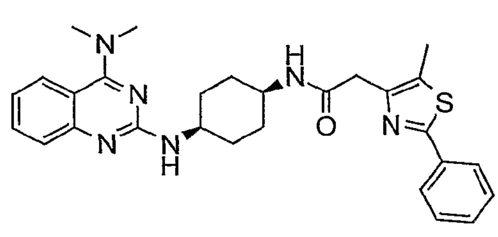
 ,

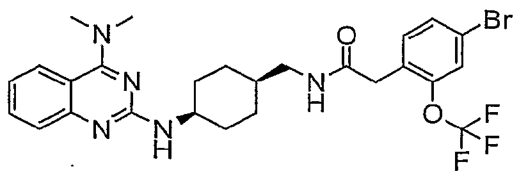
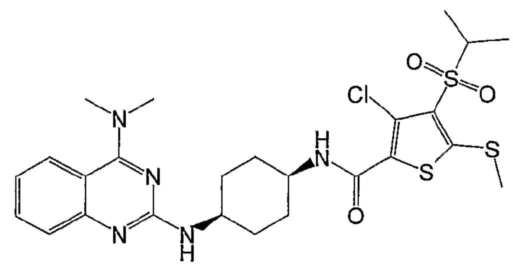
 ,

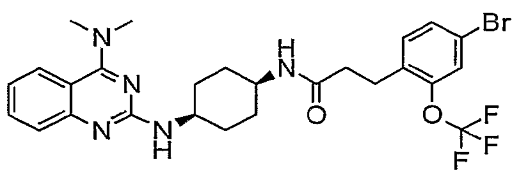
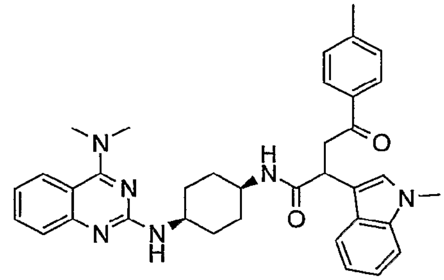
 ,

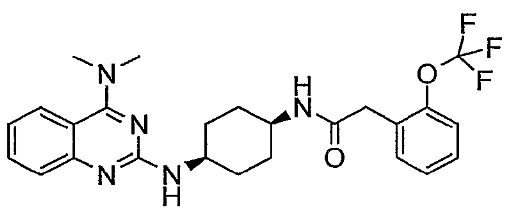
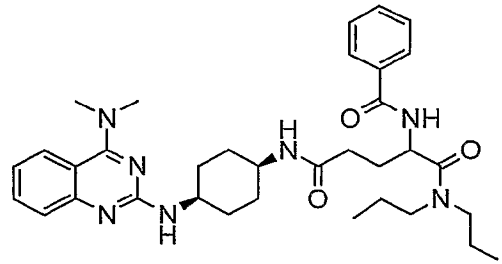
 ,

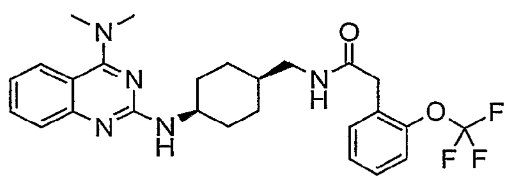
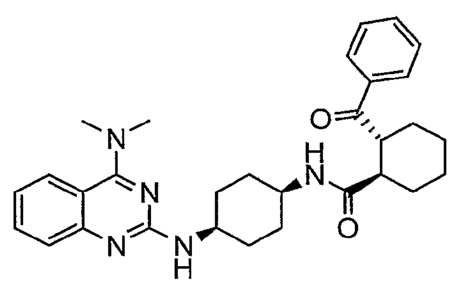
 ,

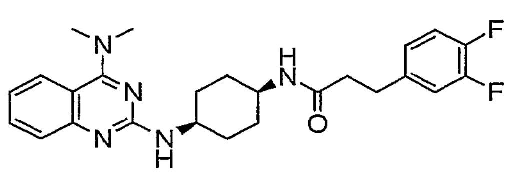
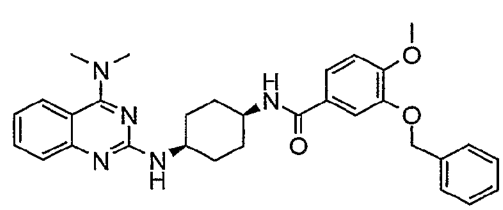
 ,

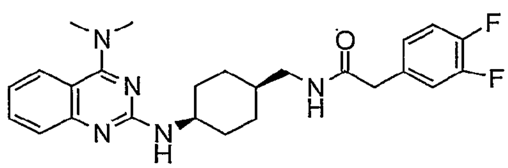
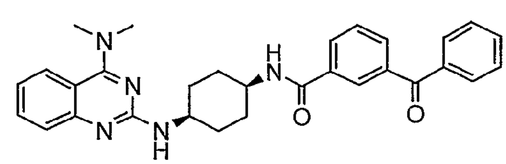
 ,  ,

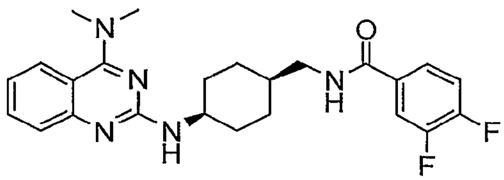
 ,  ,

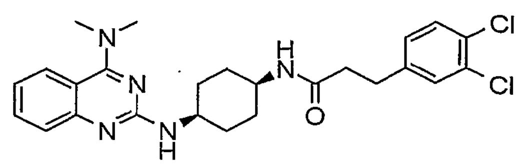
 ,  ,

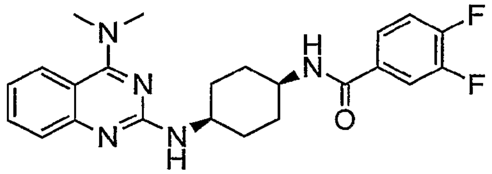
 ,  ,

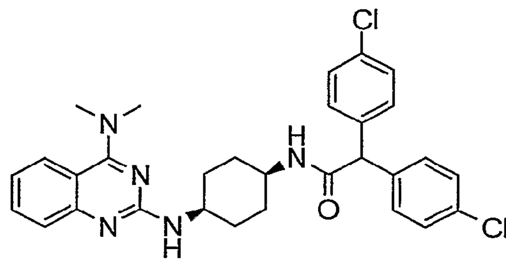
 ,  ,

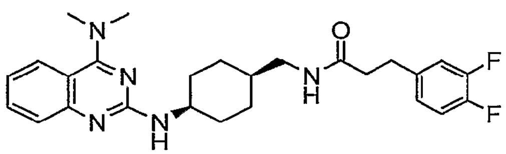
 ,  ,

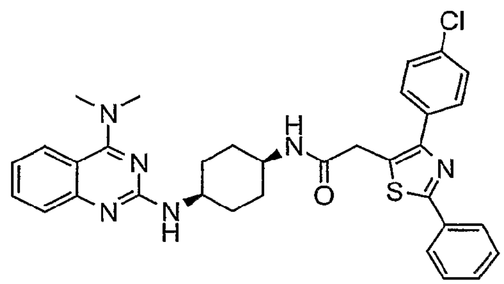
 ,

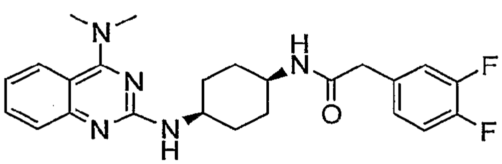
 ,

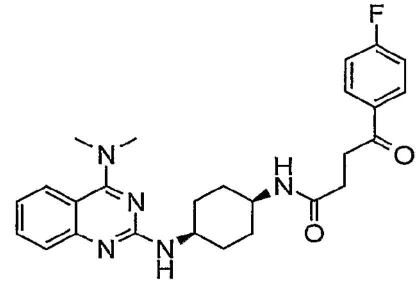
 ,

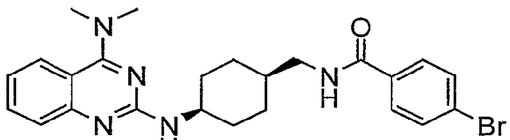
 ,

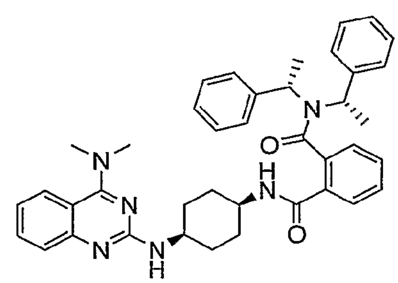
 ,

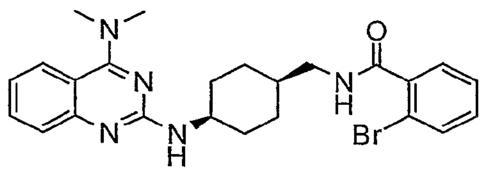
 ,

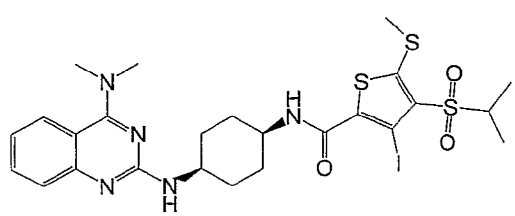
 ,

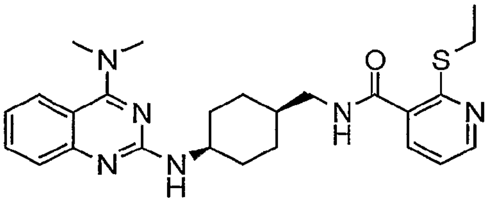
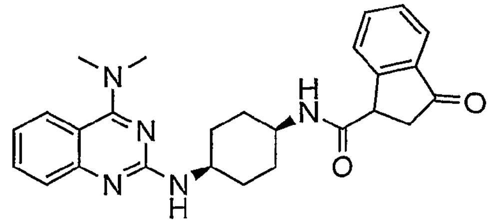
 ,

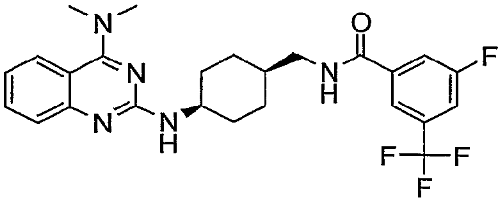
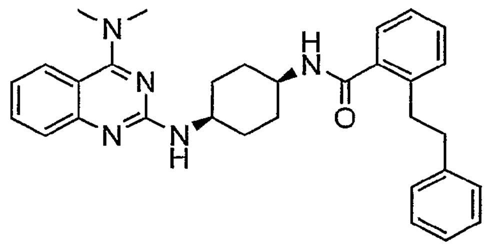
 ,

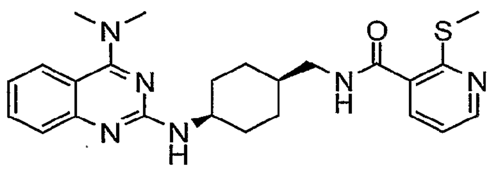
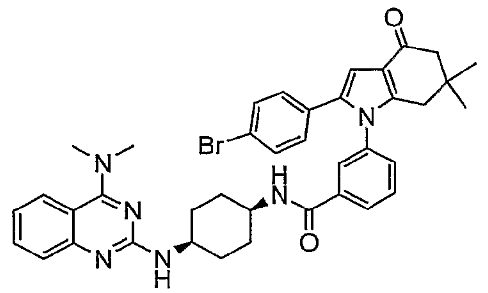
 ,

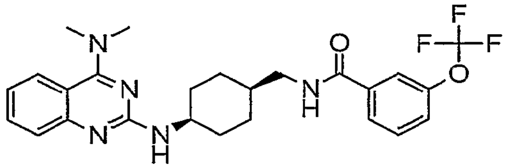
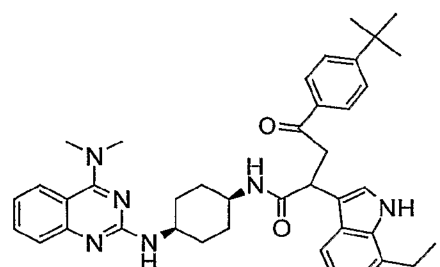
 ,

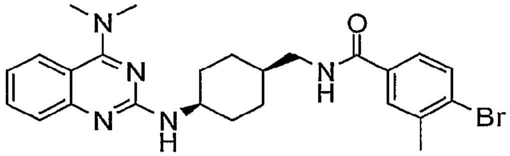
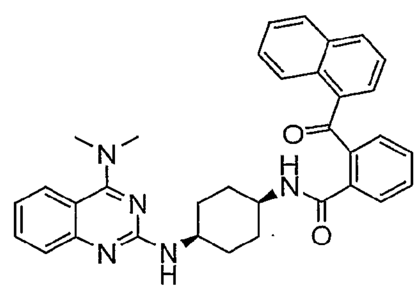
 ,

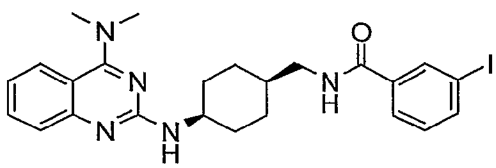
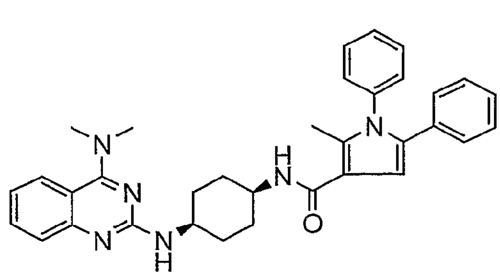
 ,
 ,

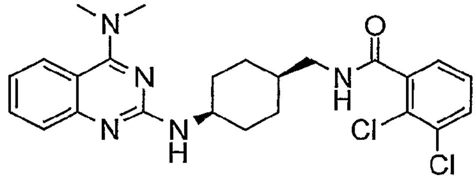
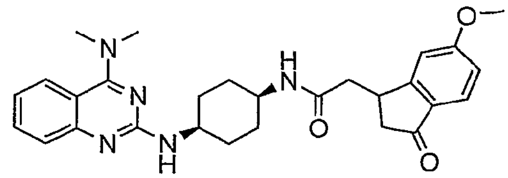
 ,
 ,

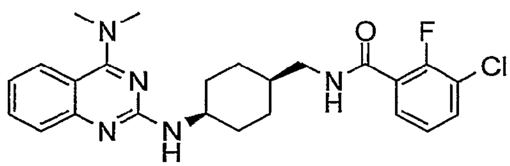
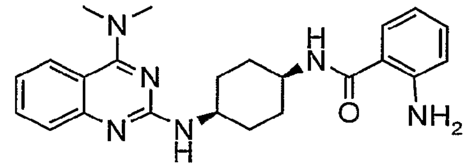
 ,
 ,

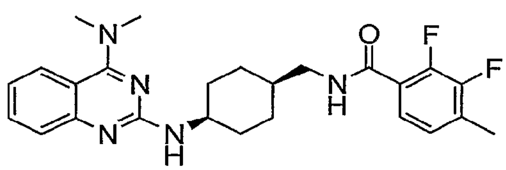
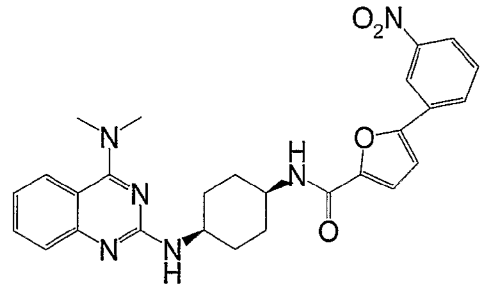
 ,
 ,

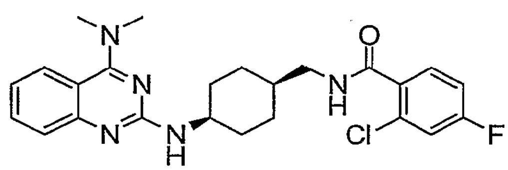
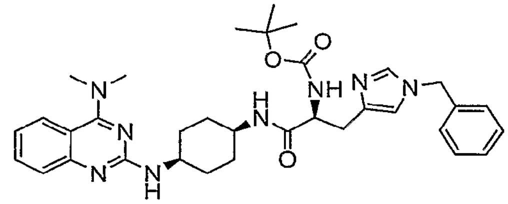
 ,
 ,

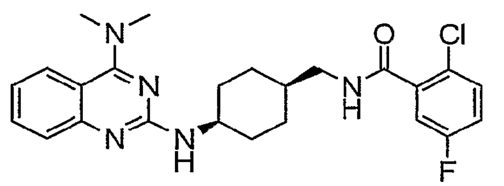
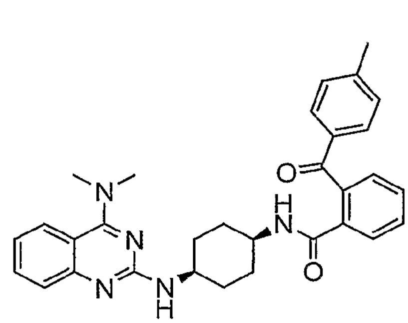
 ,
 ,

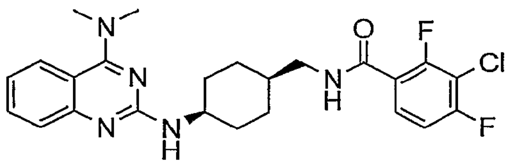
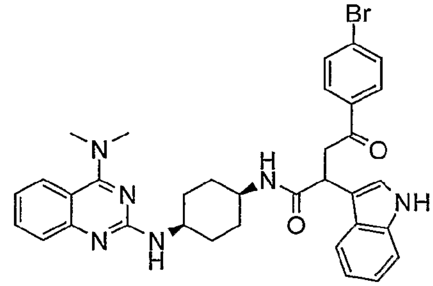
 ,  ,

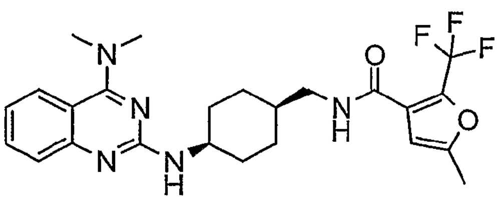
 ,  ,

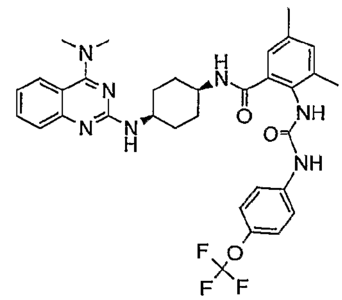
 ,  ,

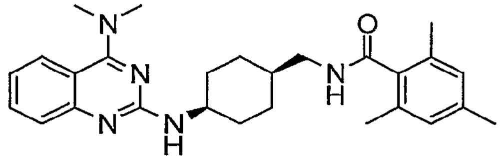
 ,  ,

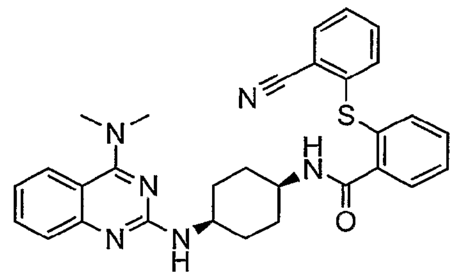
 ,  ,

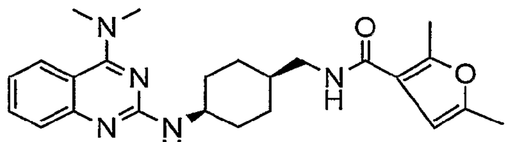
 ,  ,

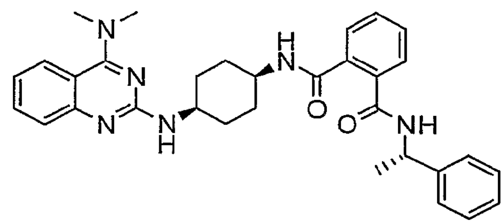
 ,

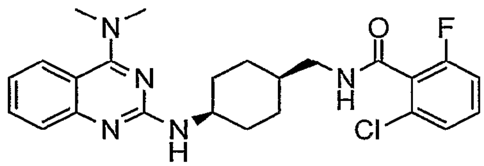
 ,

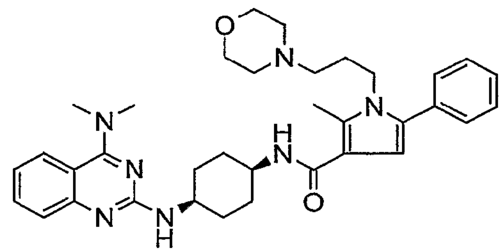
 ,

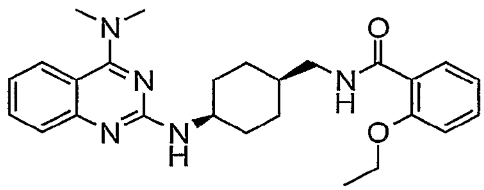
 ,

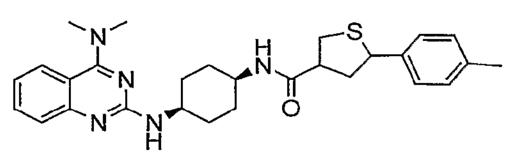
 ,

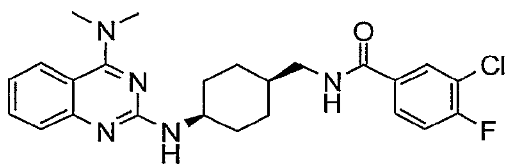
 ,

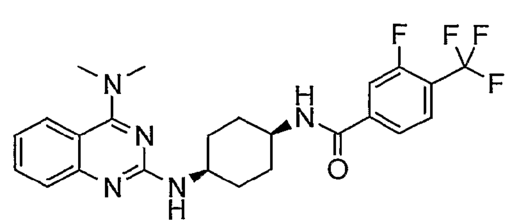
 ,

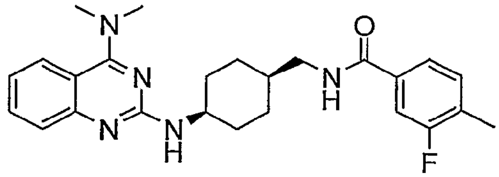
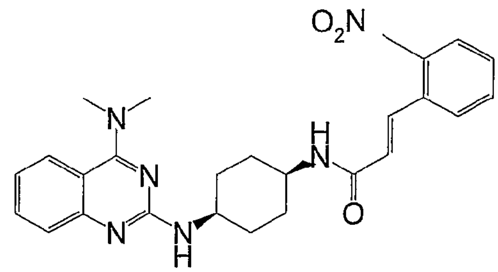
 ,

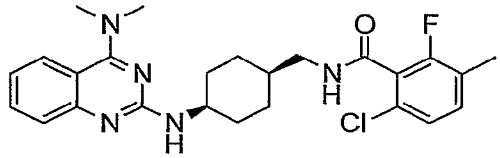
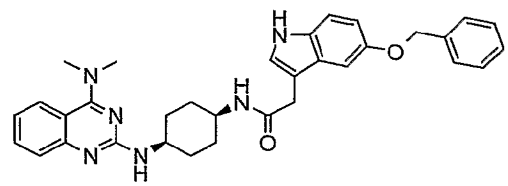
 ,

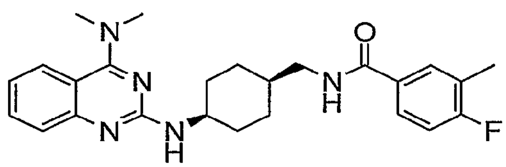
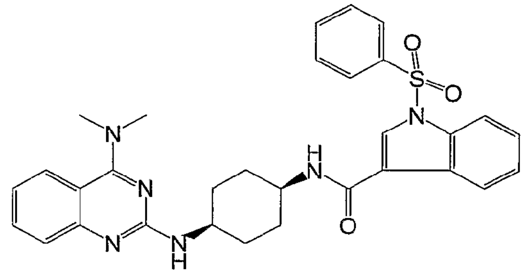
 ,

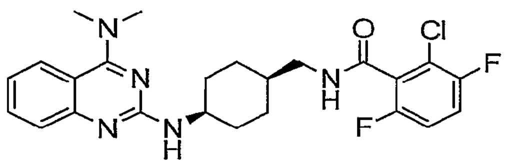
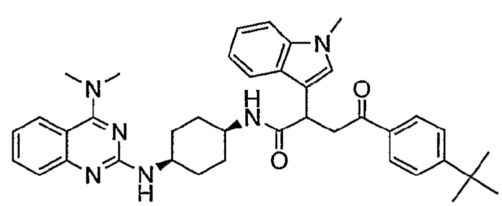
 ,

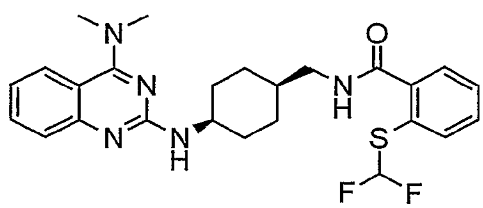
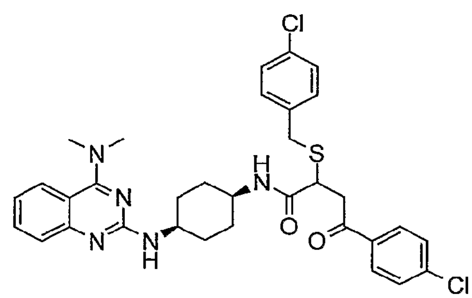
 ,

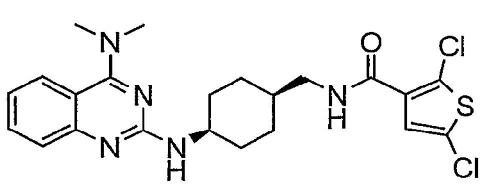
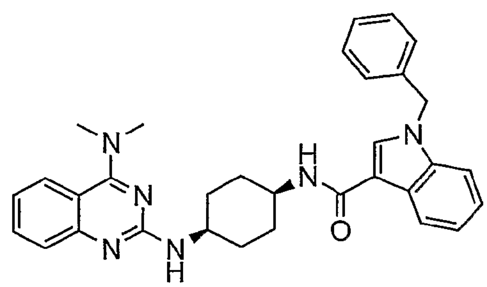
 ,  ,

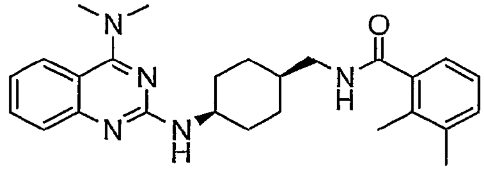
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 ,  ,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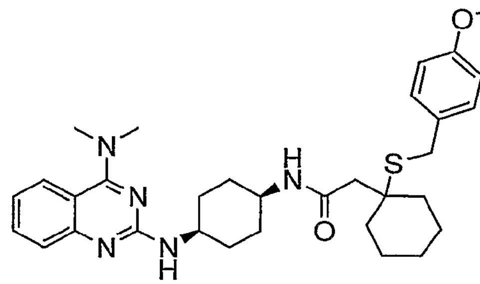
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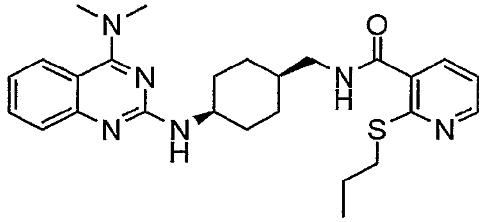
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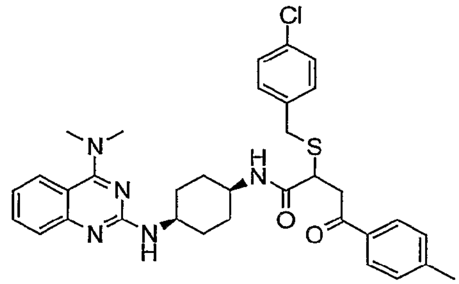
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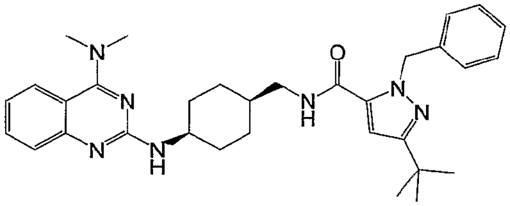
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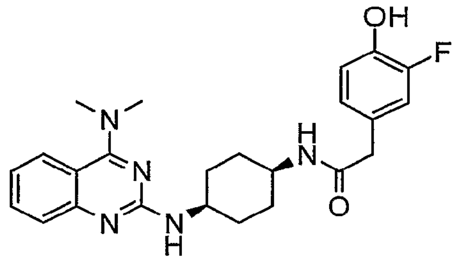
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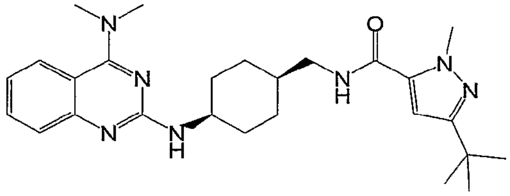
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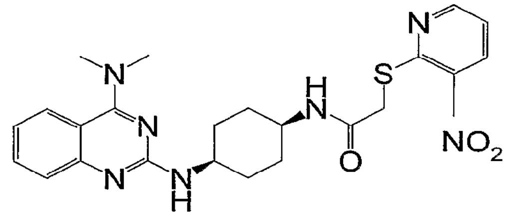
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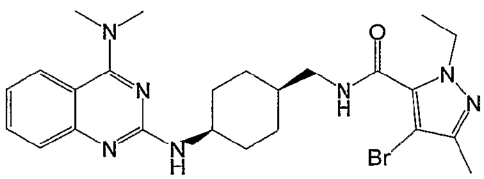
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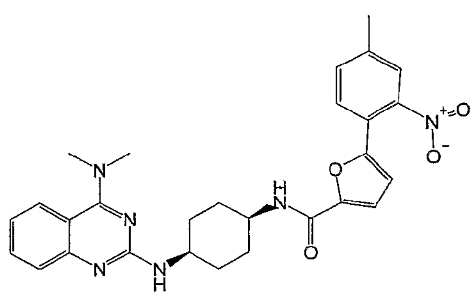
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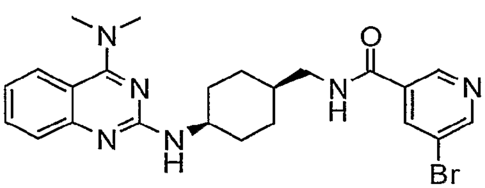
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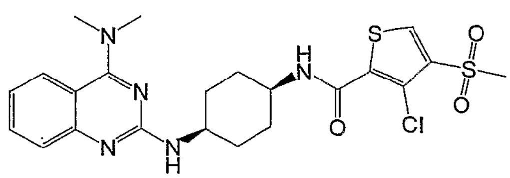
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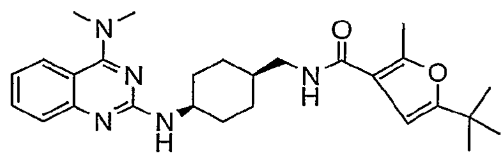
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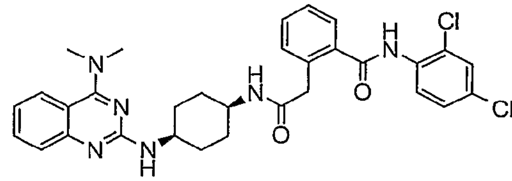
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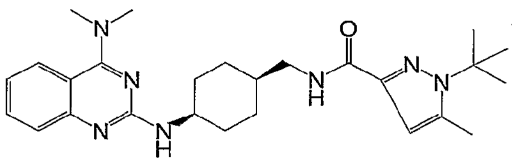
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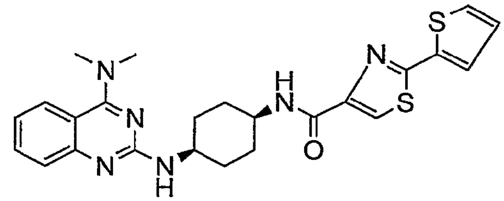
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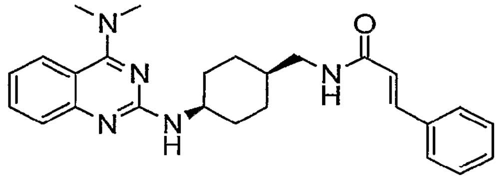
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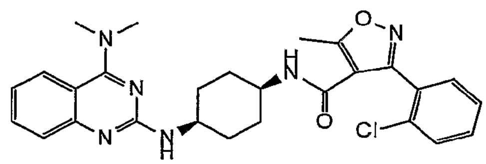
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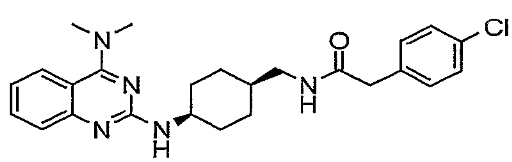
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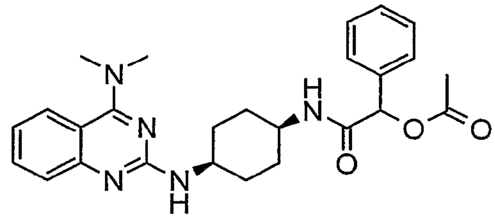
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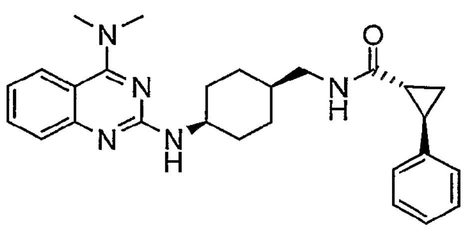
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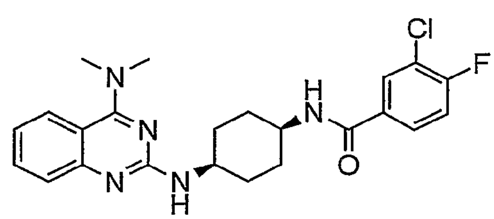
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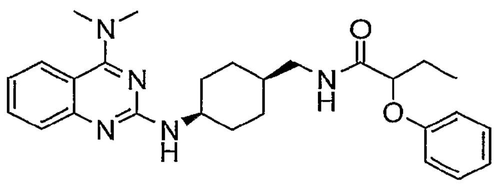
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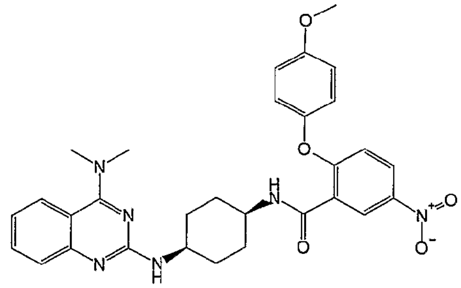
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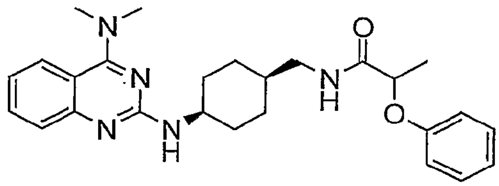
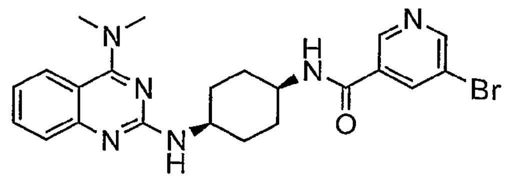
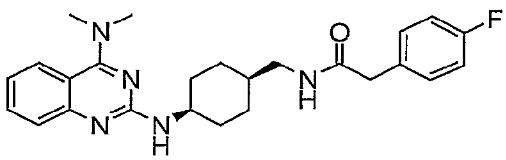
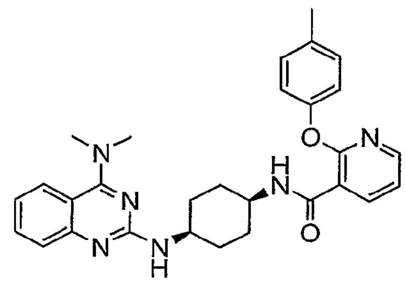
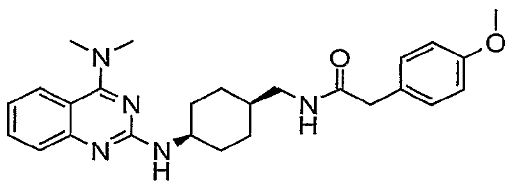
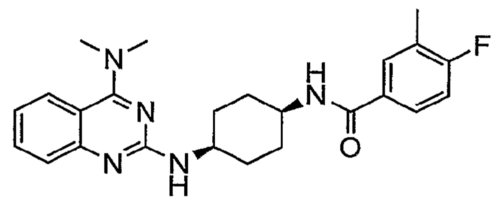
 ,

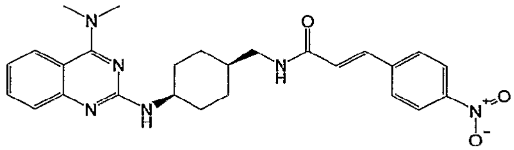
 ,

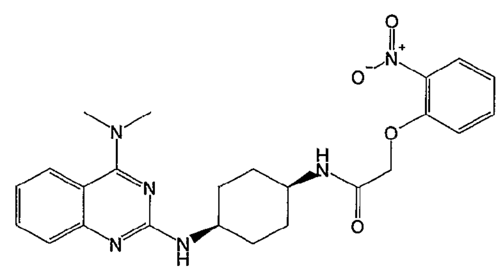
 ,

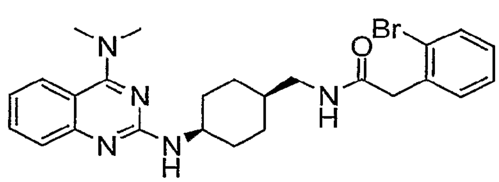
 ,

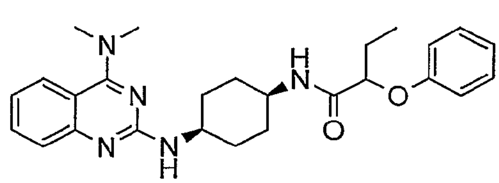
 ,

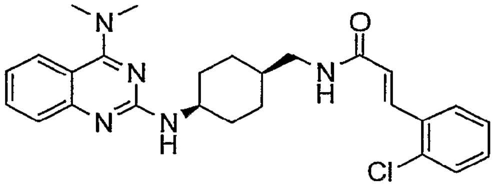
 ,

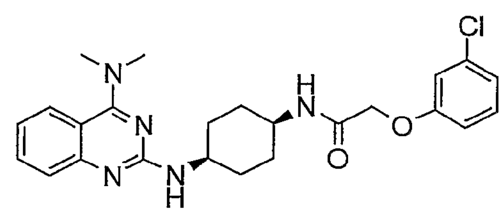
 ,

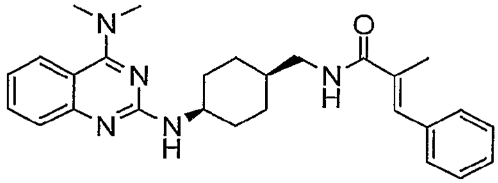
 ,

 ,

 ,

 ,

 ,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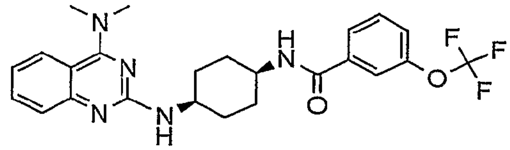
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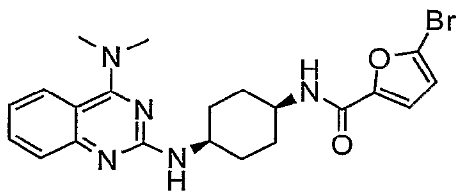
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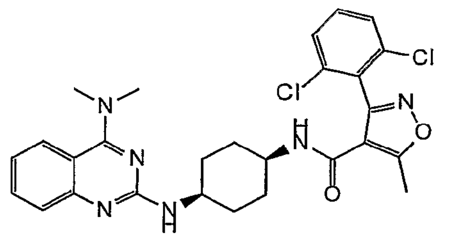
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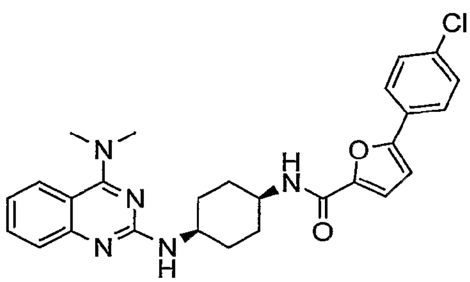
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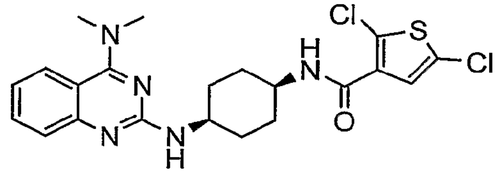
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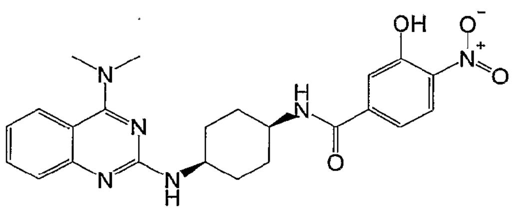
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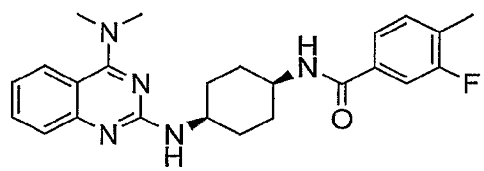
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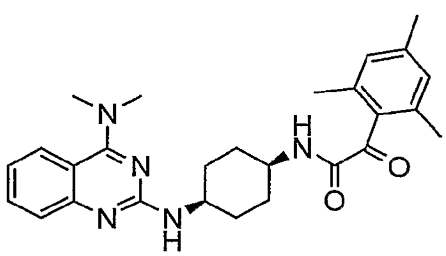
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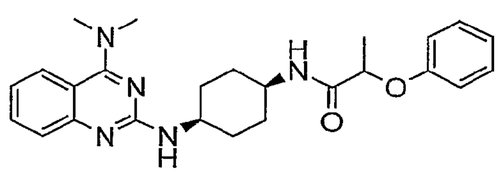
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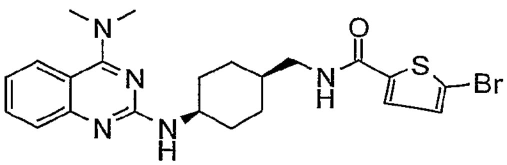
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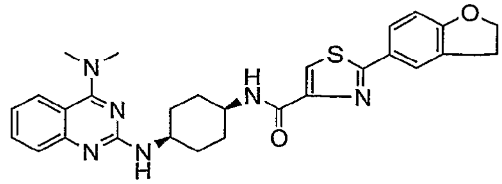
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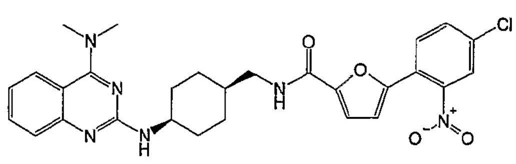
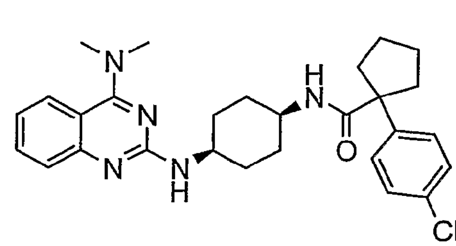
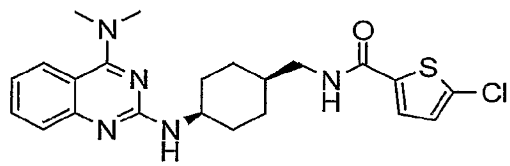
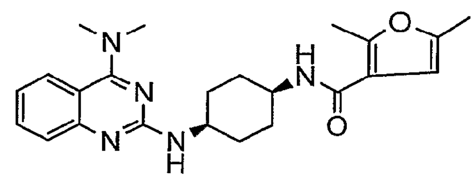
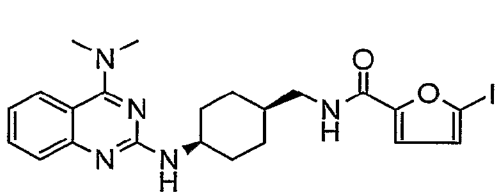
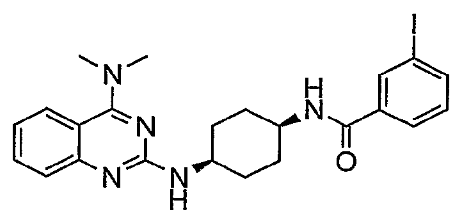
 ,

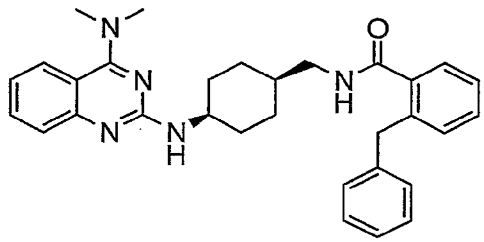
 ,

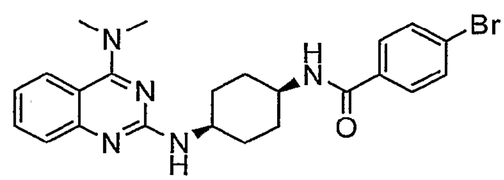
 ,

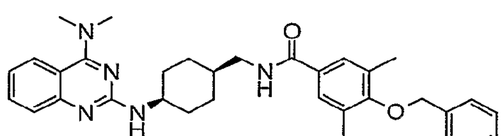
 ,

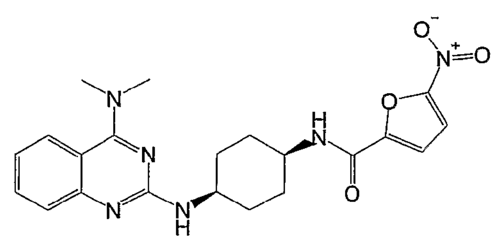
 ,

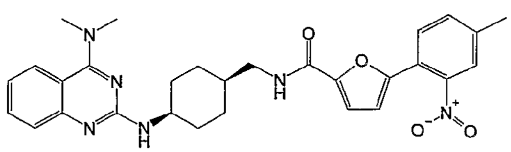
 ,

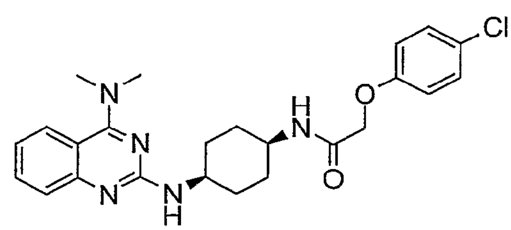
 ,

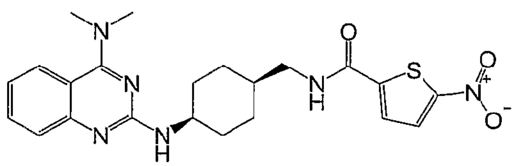
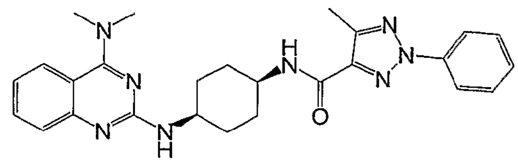
 ,

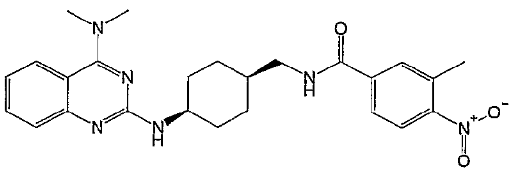
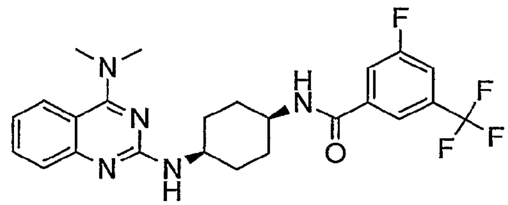
 ,

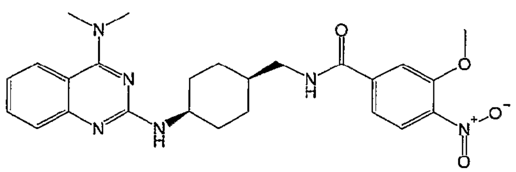
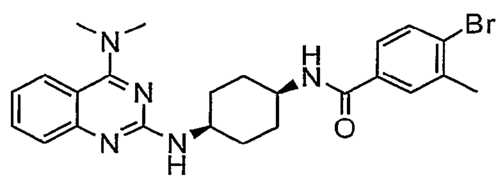
 ,

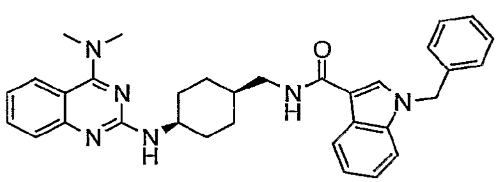
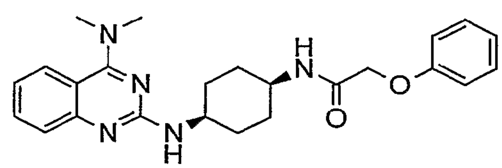
 ,

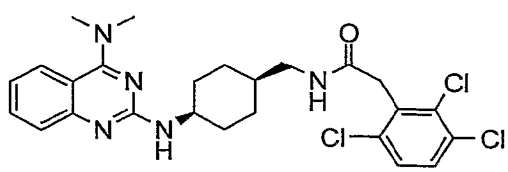
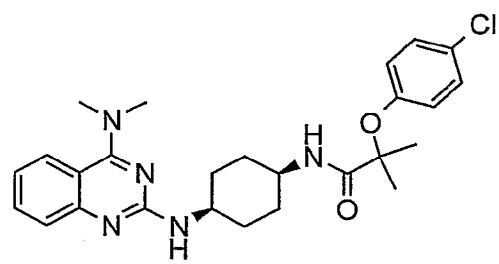
 ,

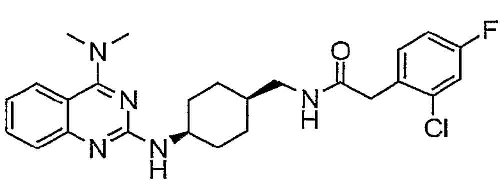
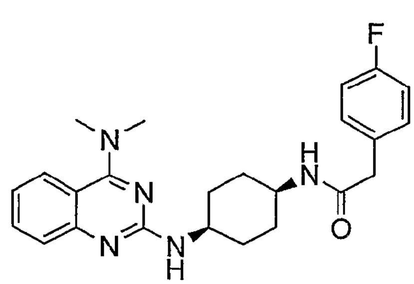
 ,  ,

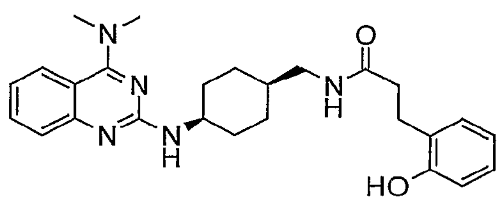
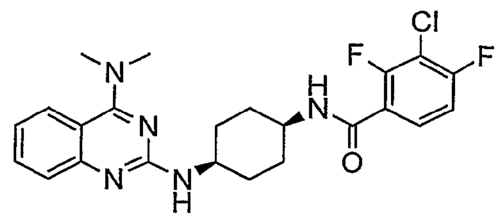
 ,  ,

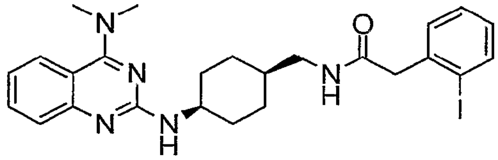
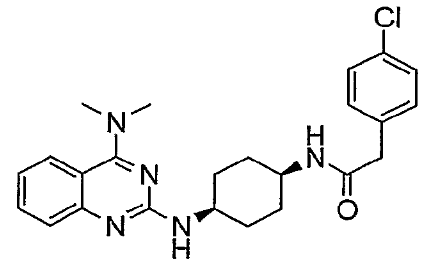
 ,  ,

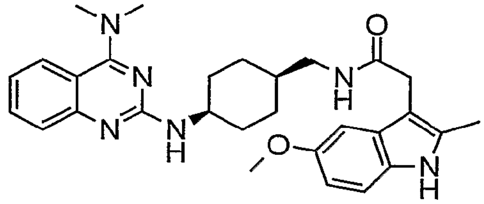
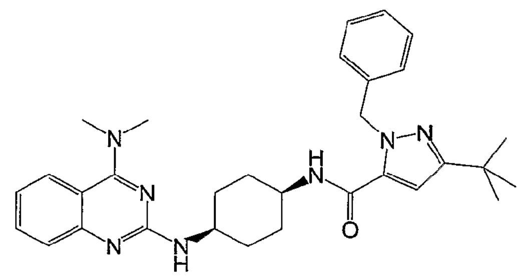
 ,  ,

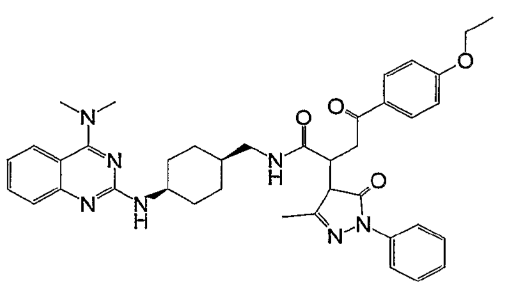
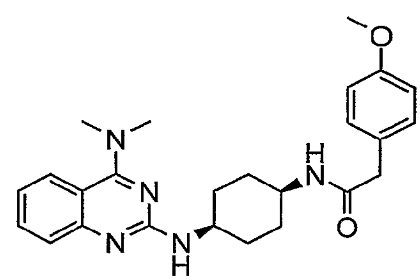
 ,  ,

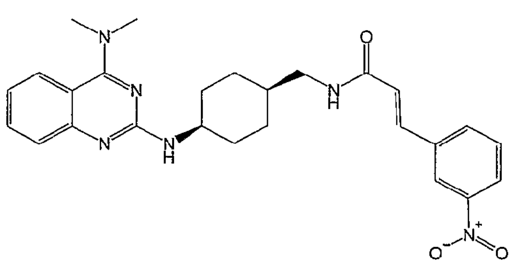
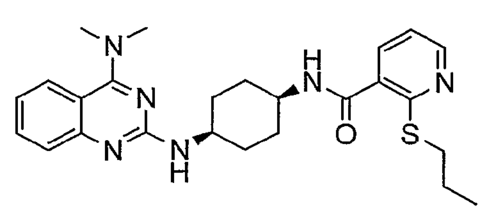
 ,  ,

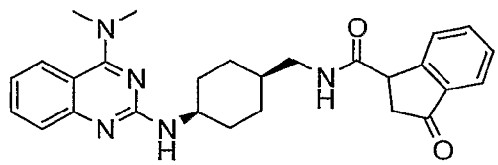
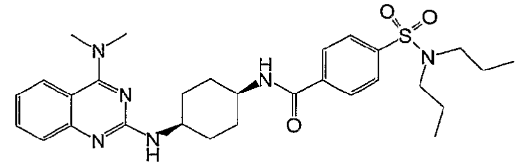
 ,  ,

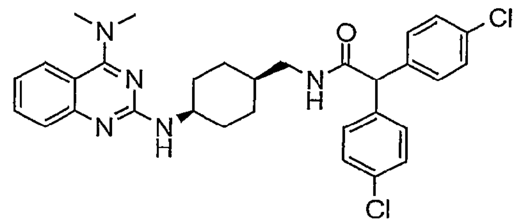
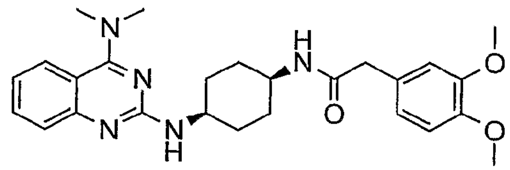
 ,  ,

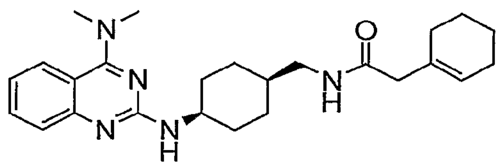
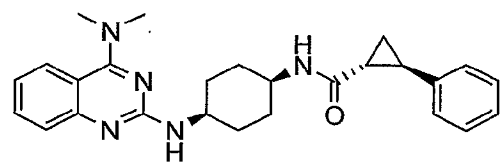
 ,  ,

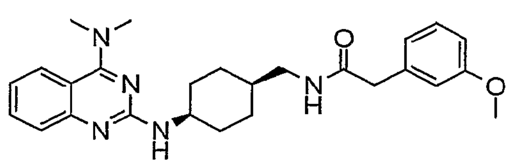
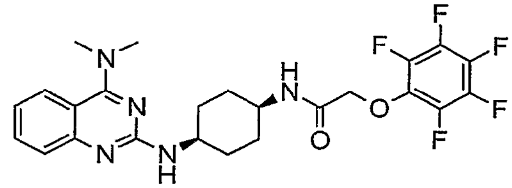
 ,  ,

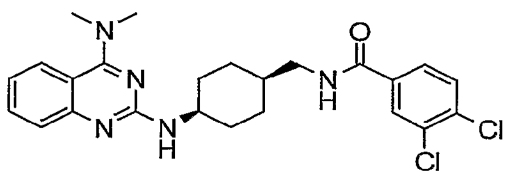
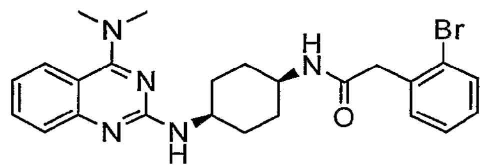
 ,  ,

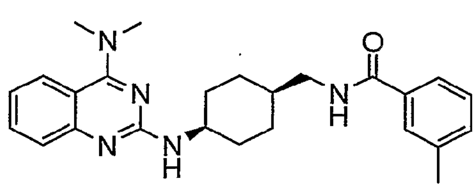
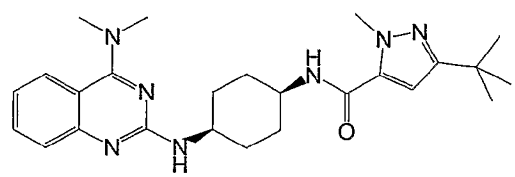
 ,  ,

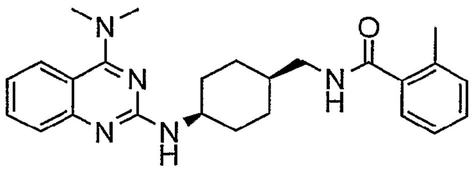
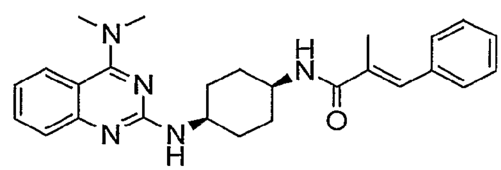
 ,  ,

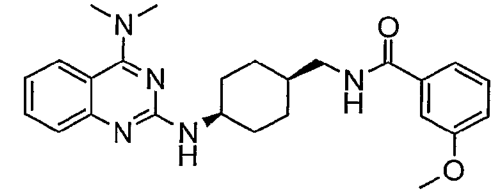
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 ,  ,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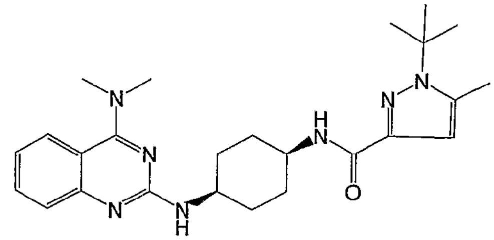
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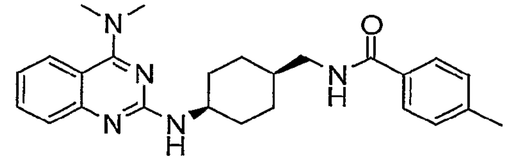
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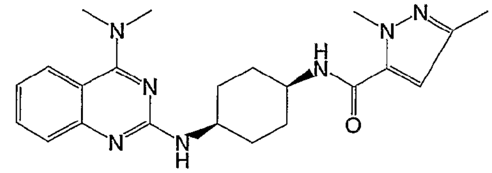
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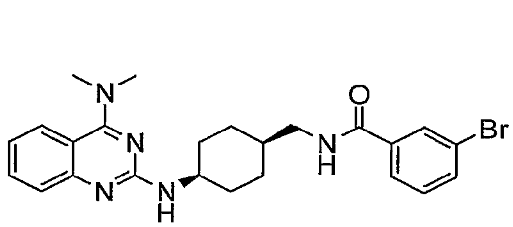
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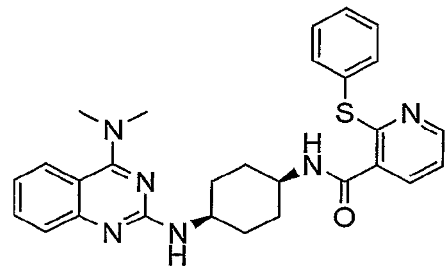
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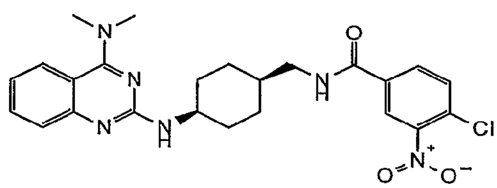
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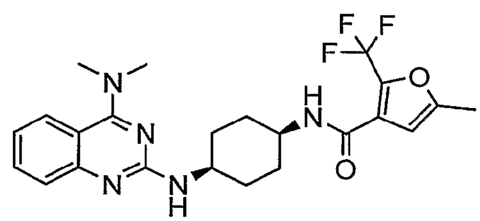
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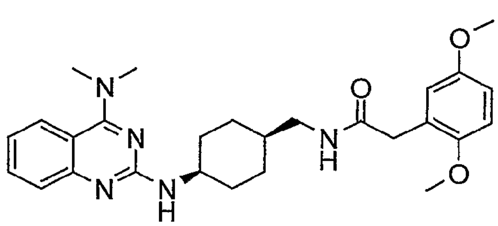
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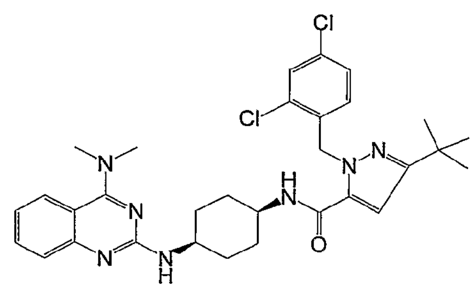
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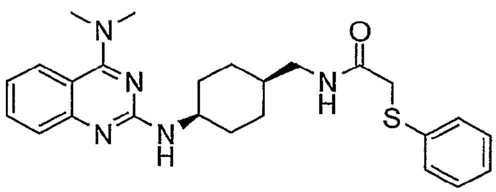
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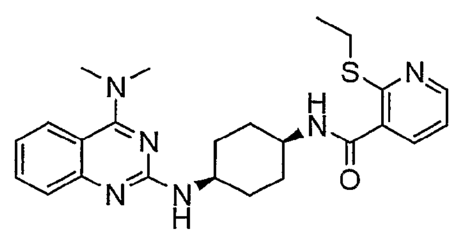
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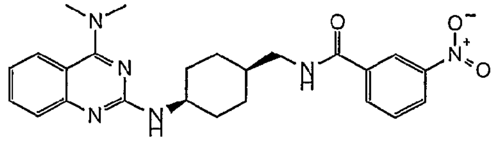
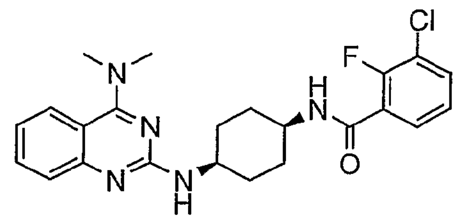
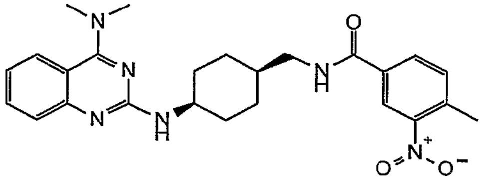
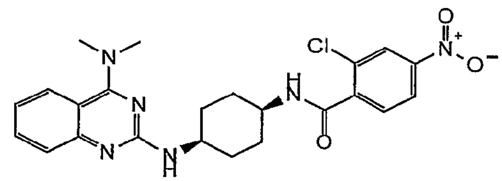
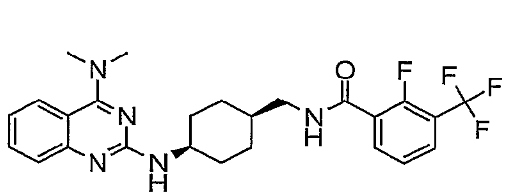
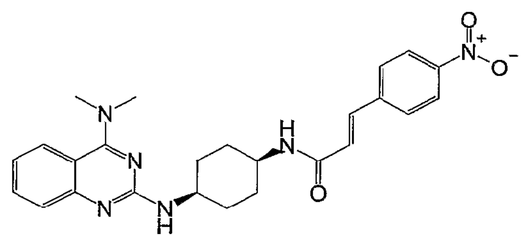
 ,

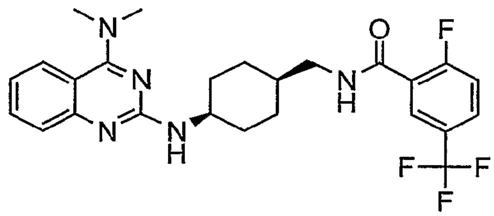
 ,

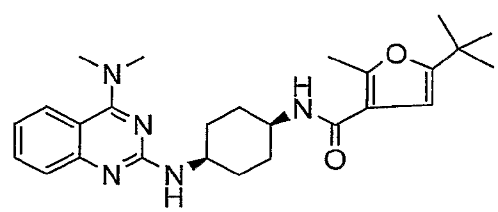
 ,

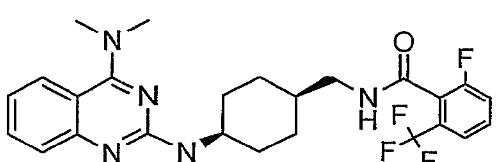
 ,

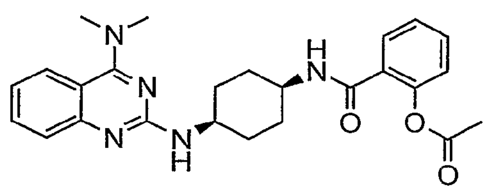
 ,

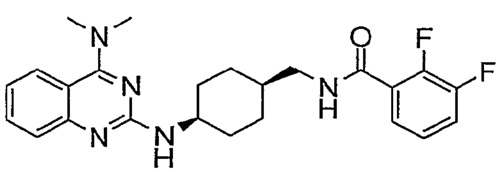
 ,

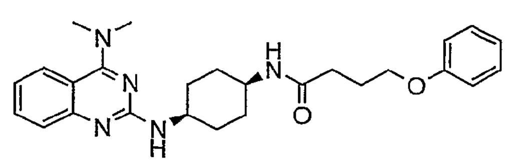
 ,

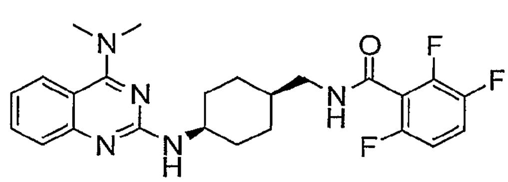
 ,

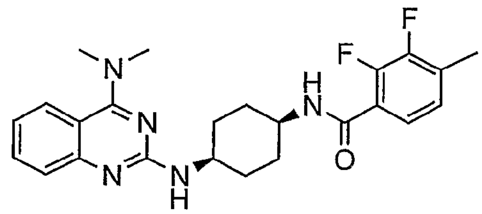
 ,

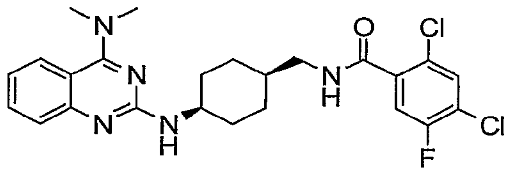
 ,

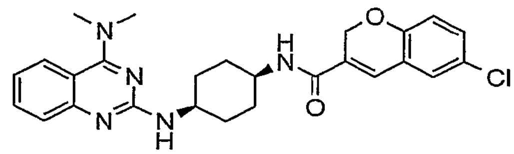
 ,

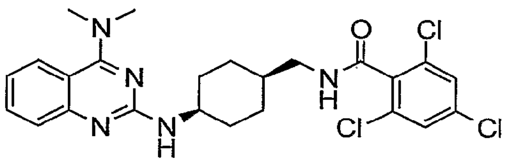
 ,

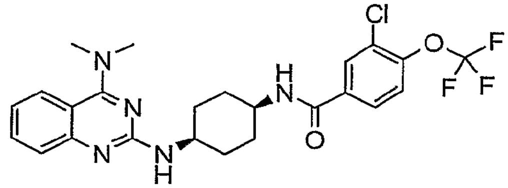
 ,

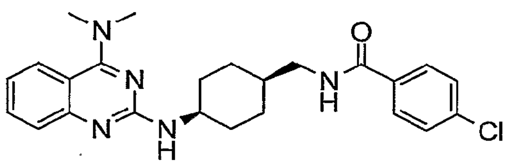
 ,

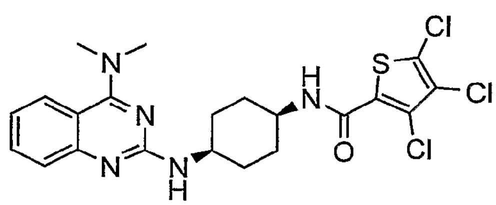
 ,

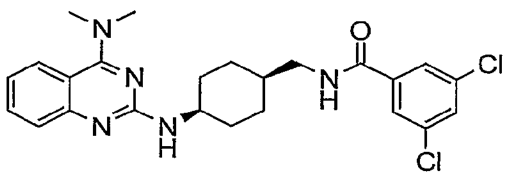
 ,

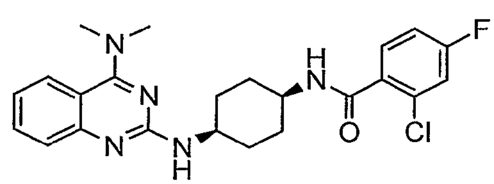
 ,

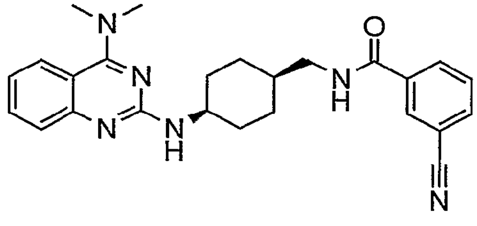
 ,

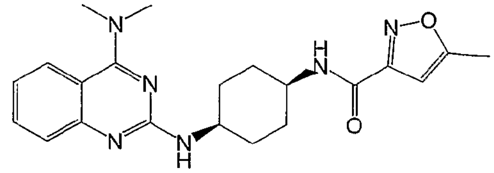
 ,

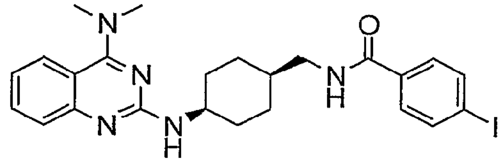
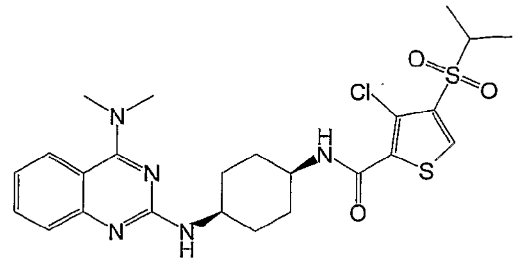
 ,

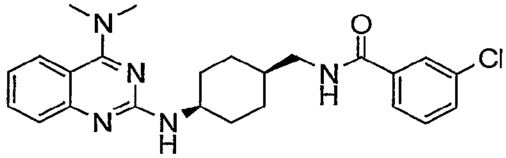
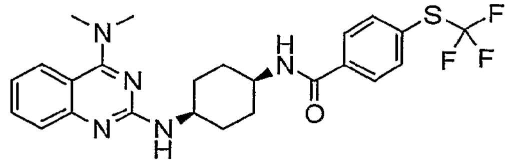
 ,

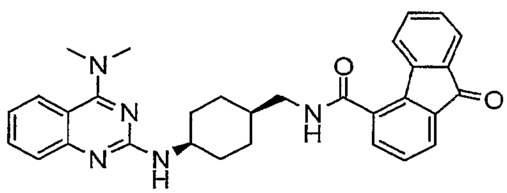
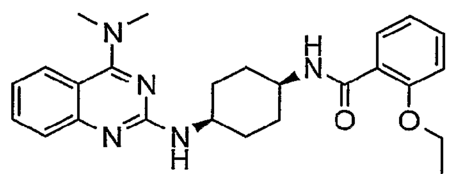
 ,

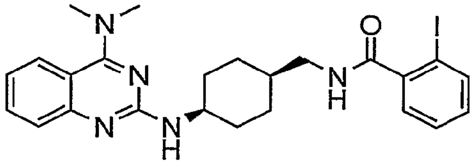
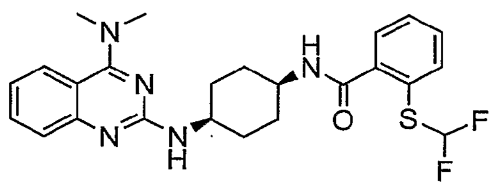
 ,

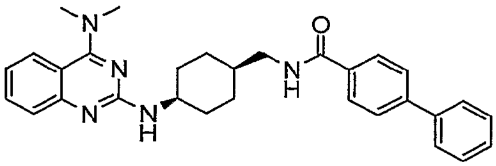
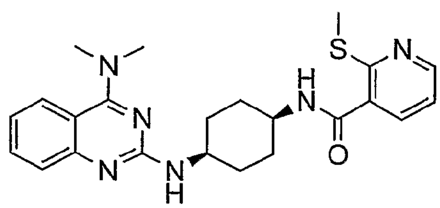
 ,

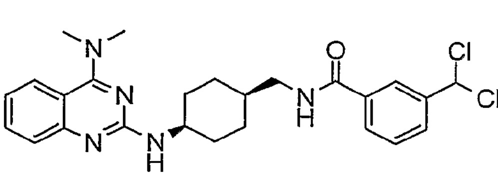
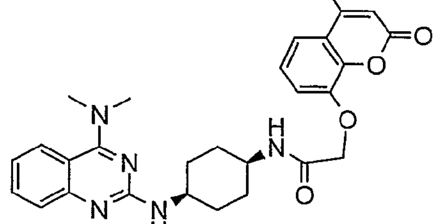
 ,  ,

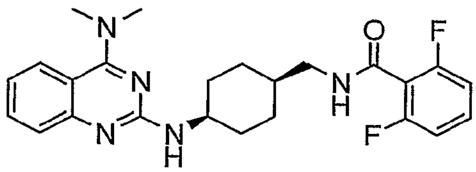
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 ,  ,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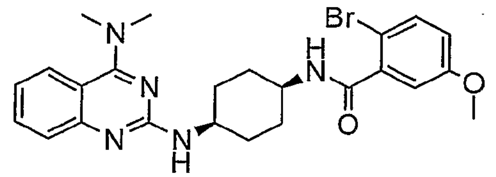
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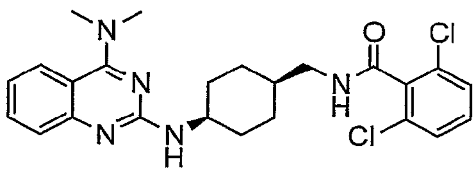
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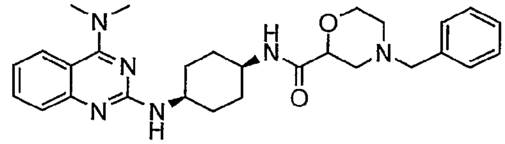
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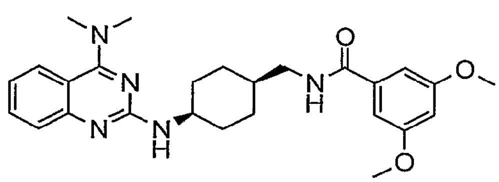
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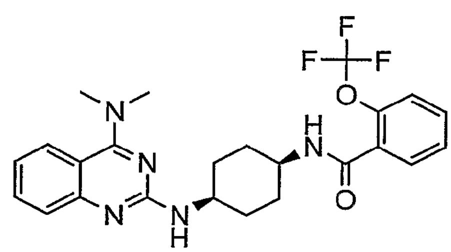
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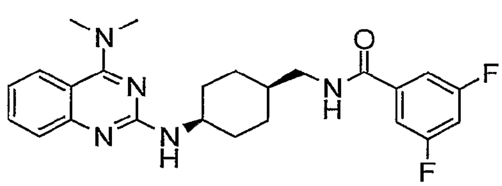
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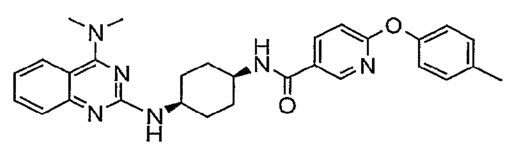
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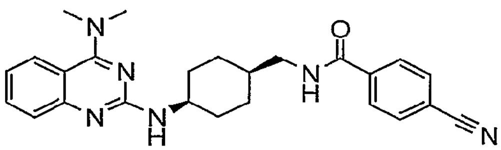
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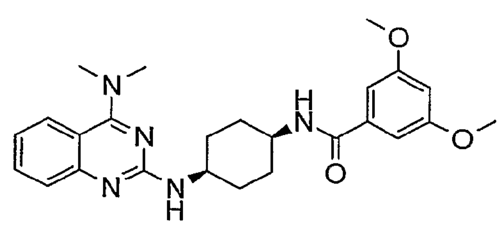
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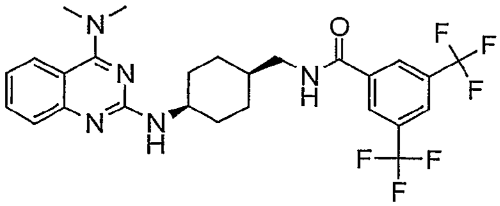
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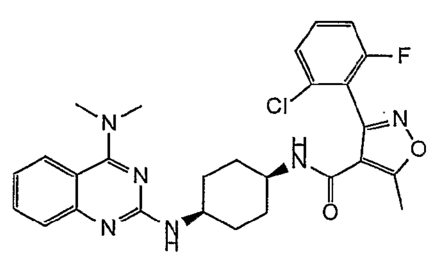
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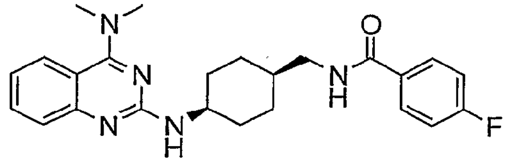
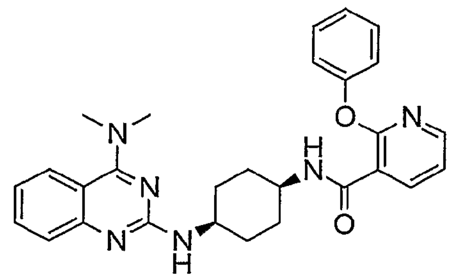
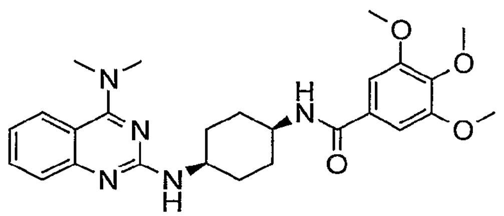
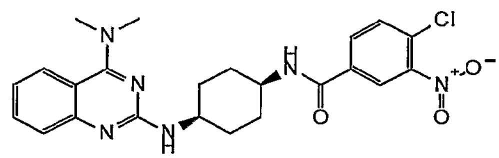
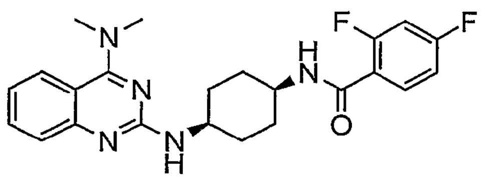
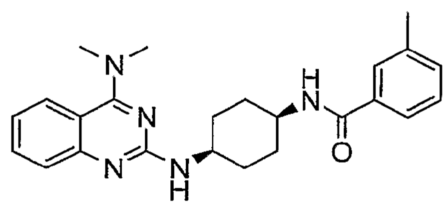
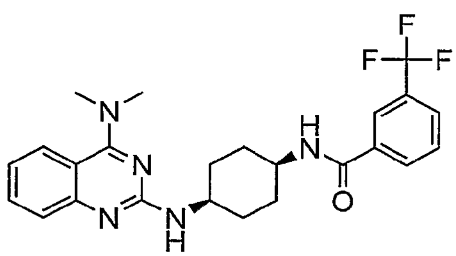
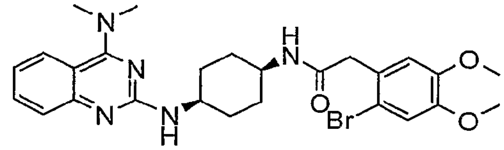
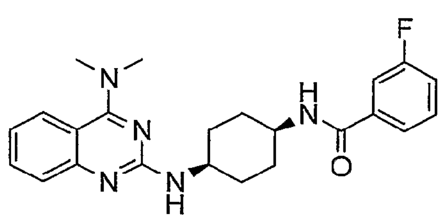
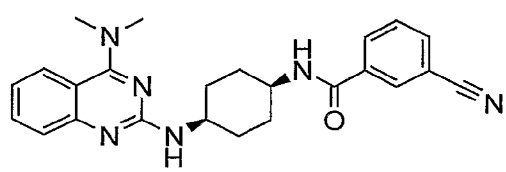
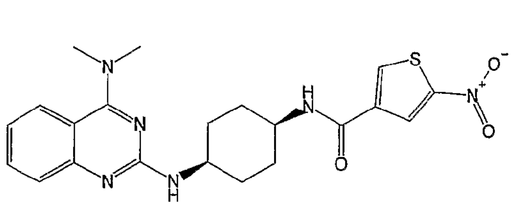
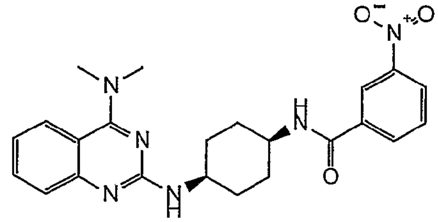
 ,  ,

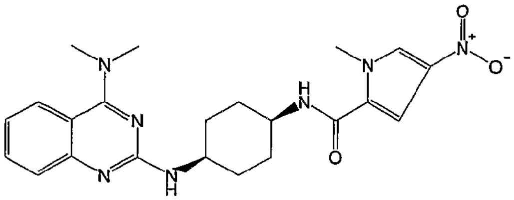
 ,  ,

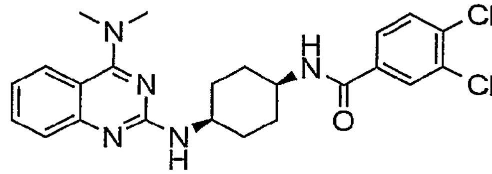
 ,  ,

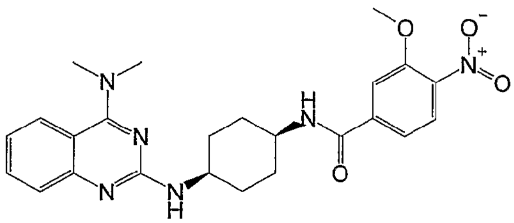
 ,  ,

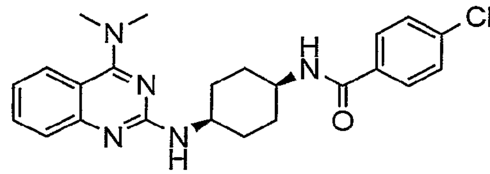
 ,  ,

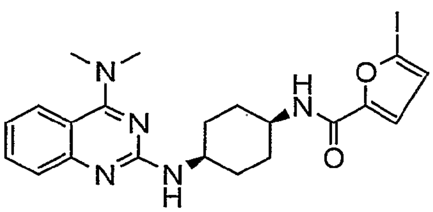
 ,  ,

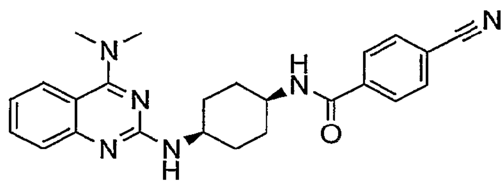
 ,

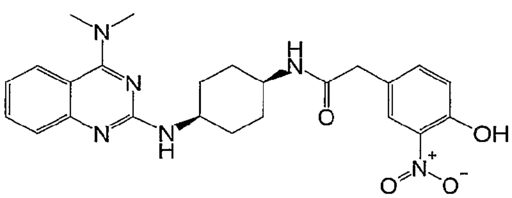
 ,

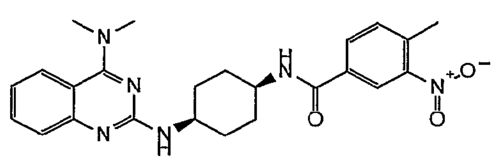
 ,

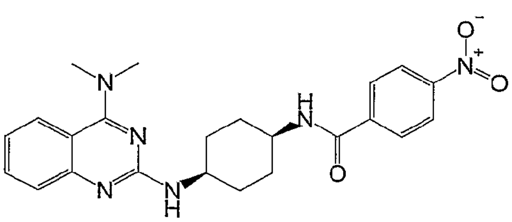
 ,

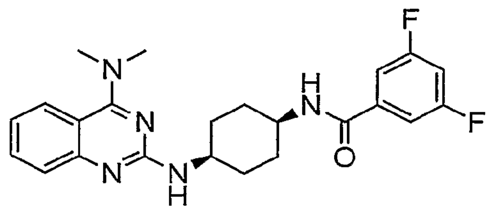
 ,

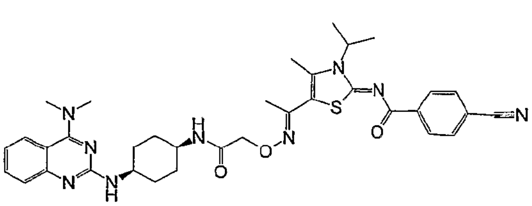
 ,

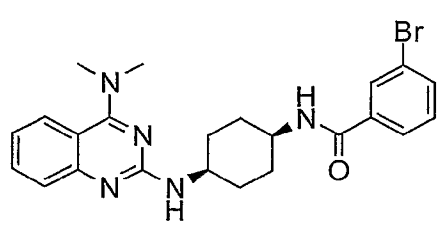
 ,

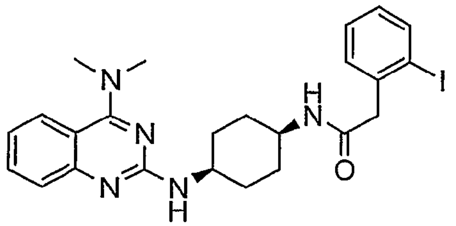
 ,

 ,

 ,

 ,

 ,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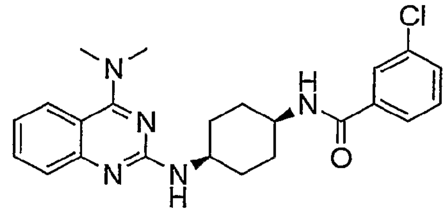
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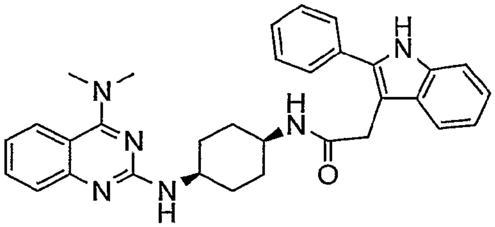
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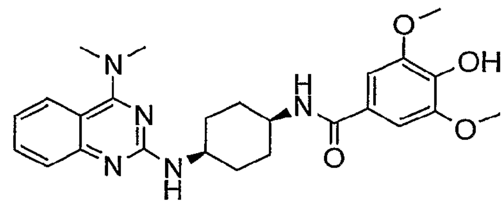
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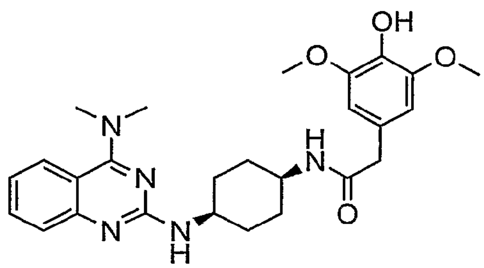
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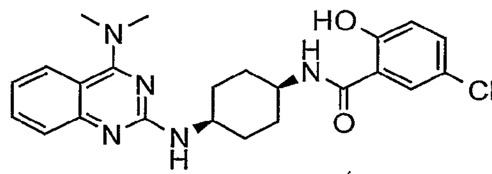
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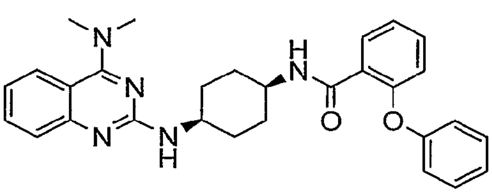
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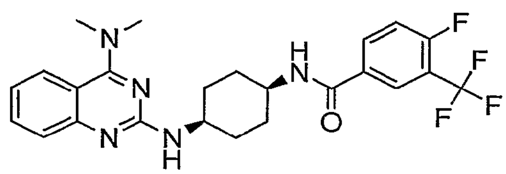
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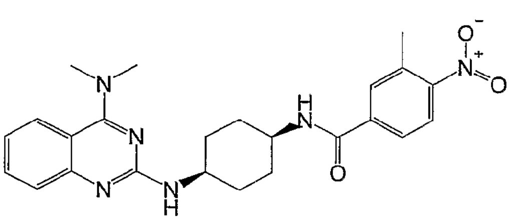
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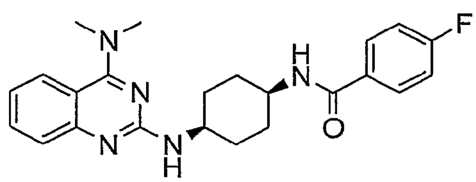
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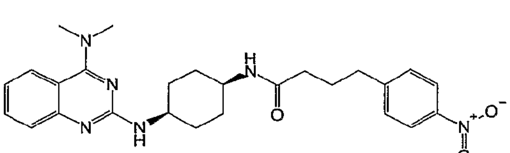
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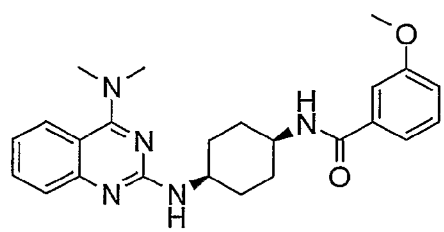
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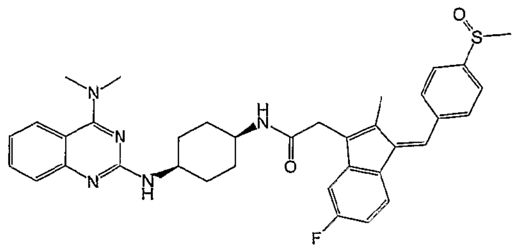
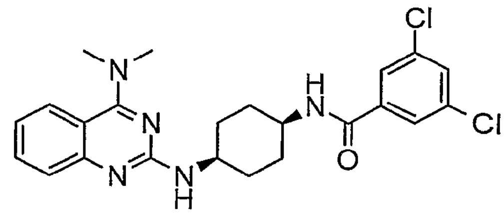
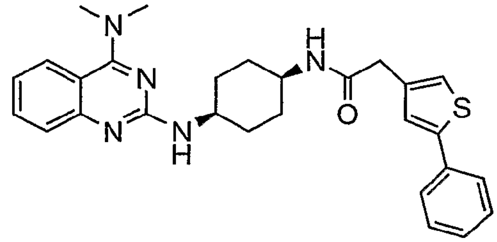
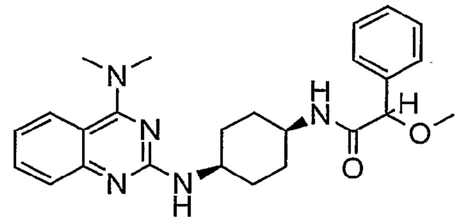
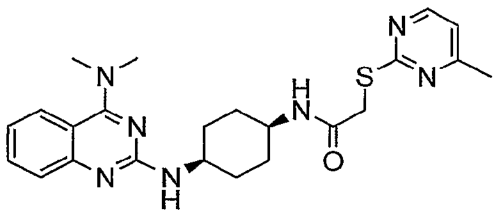
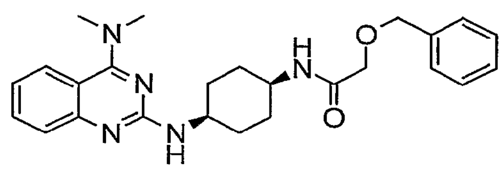
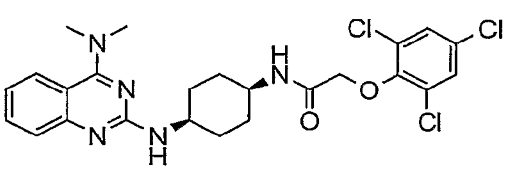
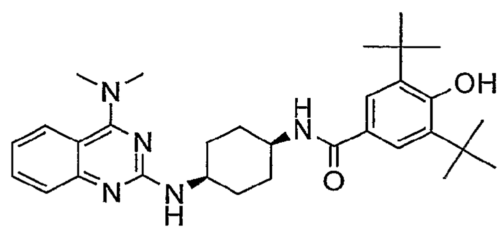
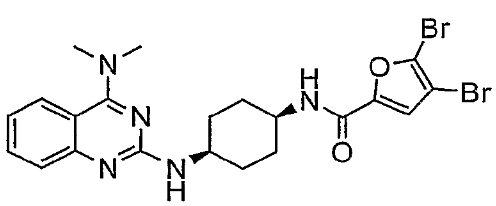
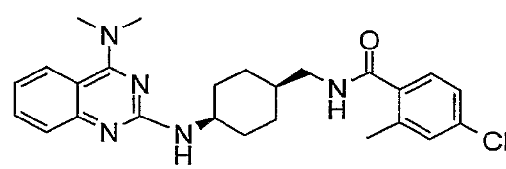
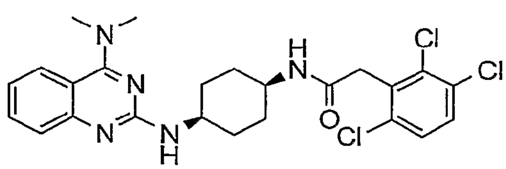
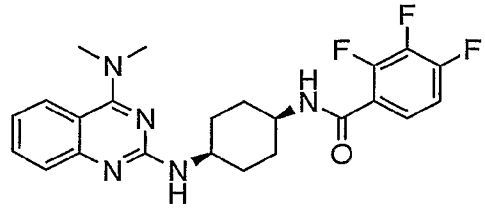
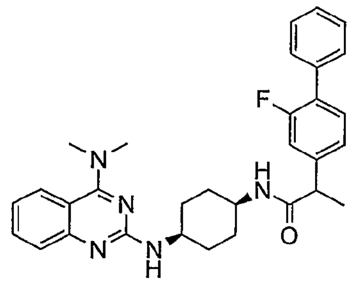
 ,
 ,
 ,
 ,
 ,
 ,
 ,
 ,
 ,
 ,
 ,
 ,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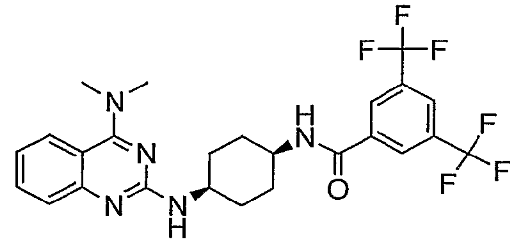
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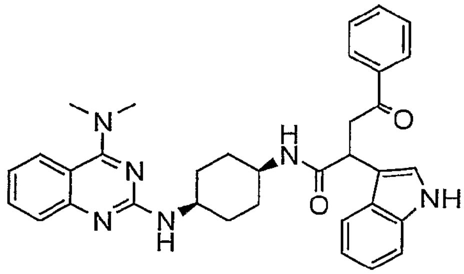
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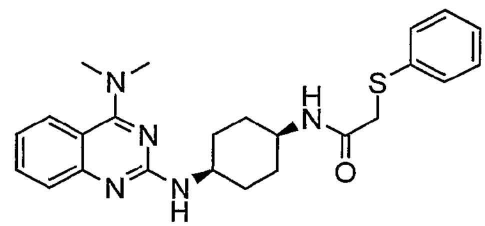
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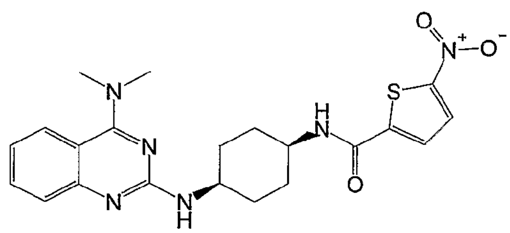
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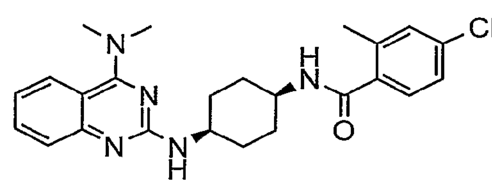
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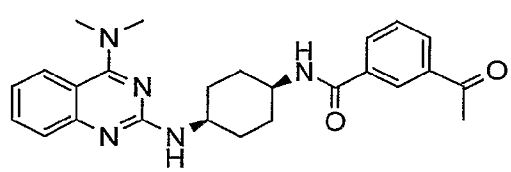
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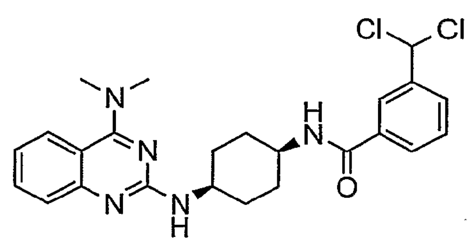
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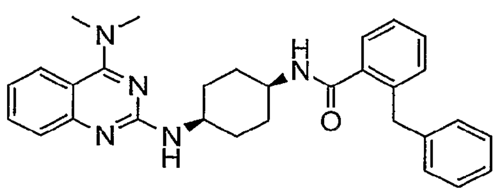
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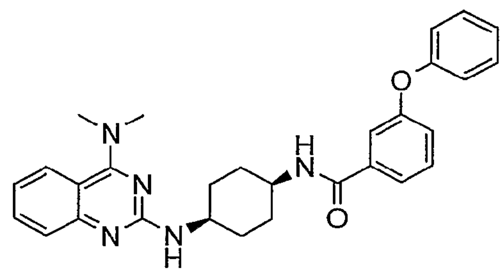
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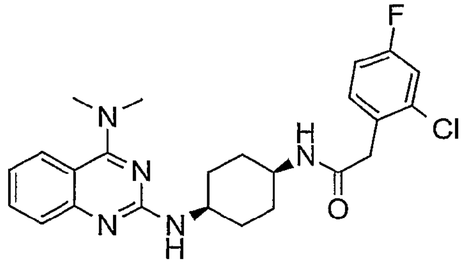
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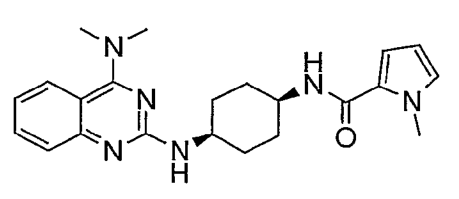
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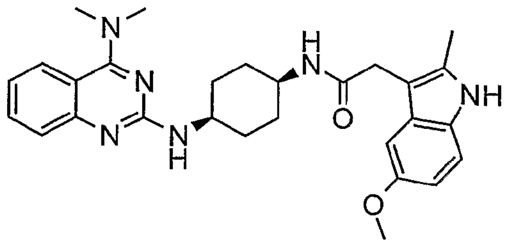
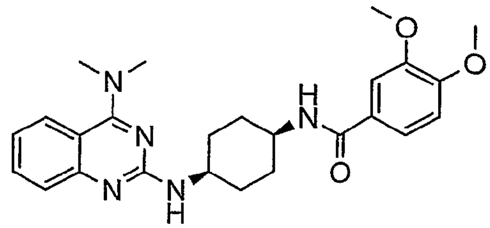
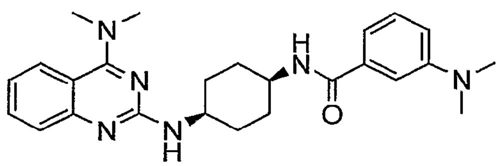
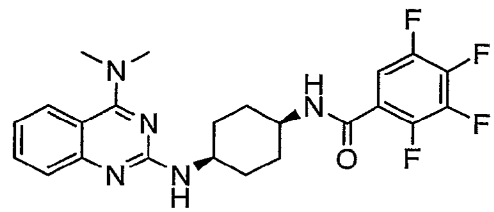
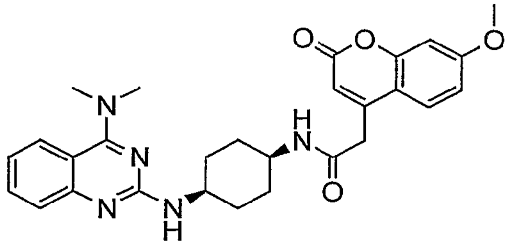
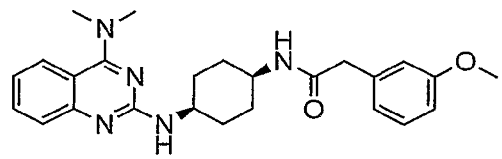
 ,

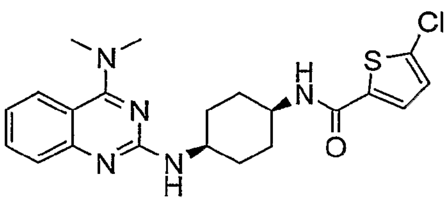
 ,

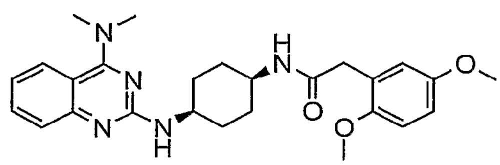
 ,

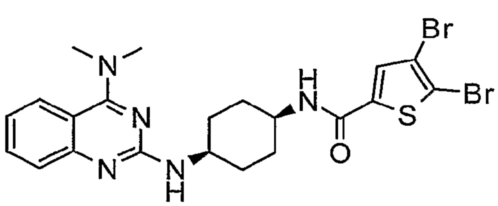
 ,

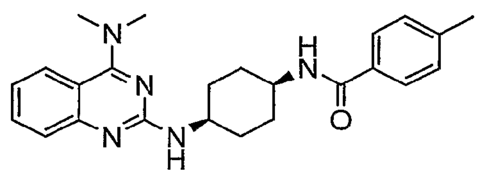
 ,

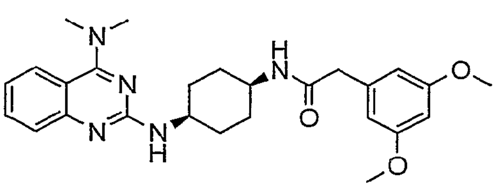
 ,

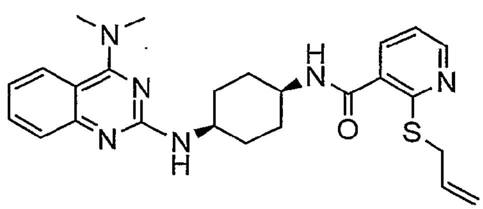
 ,

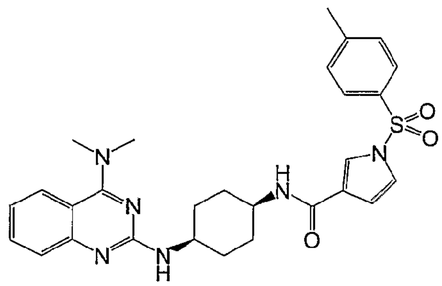
 ,

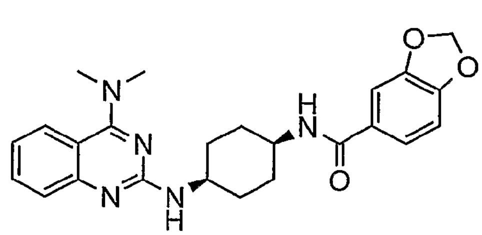
 ,

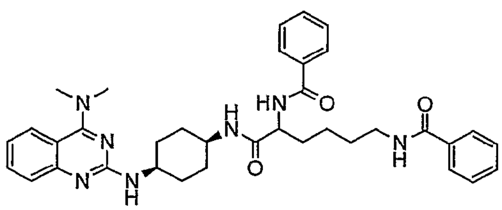
 ,

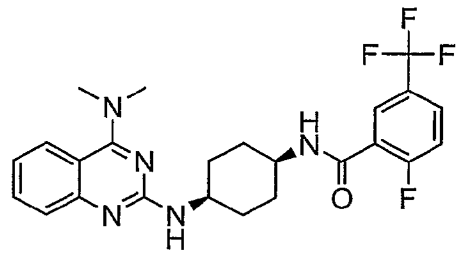
 ,

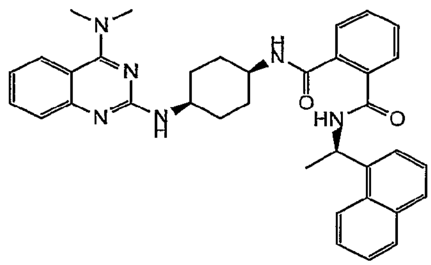
 ,

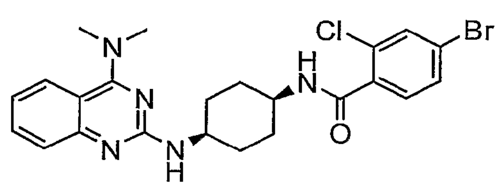
 ,

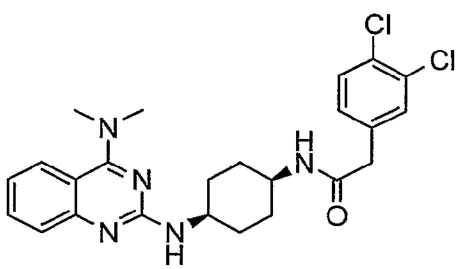
 ,

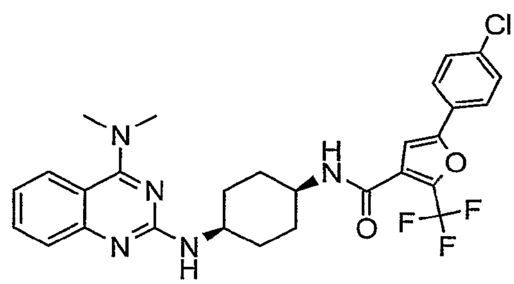
 ,

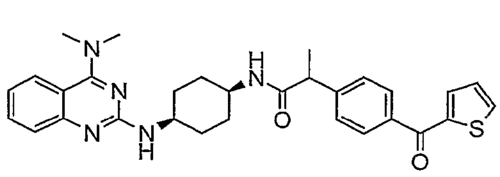
 ,

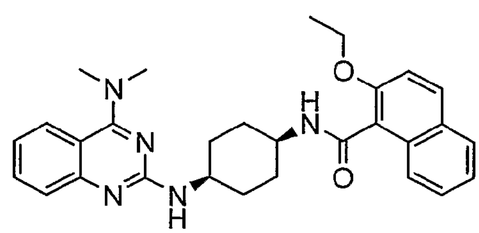
 ,

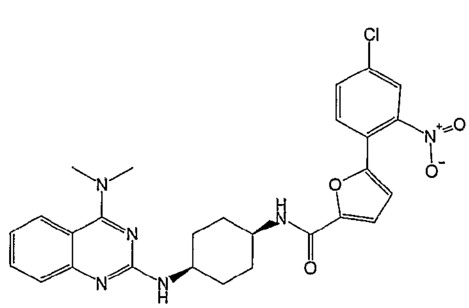
 ,

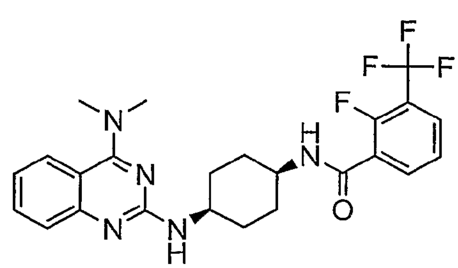
 ,

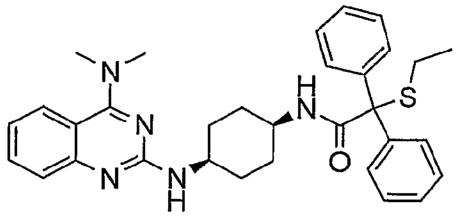
 ,

 ,

 ,

 ,

 ,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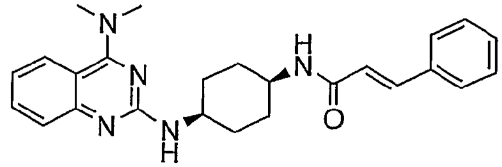
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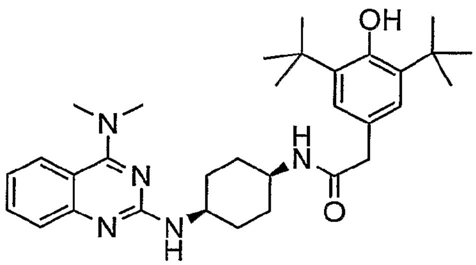
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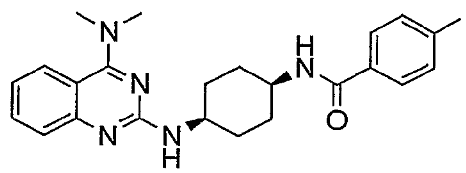
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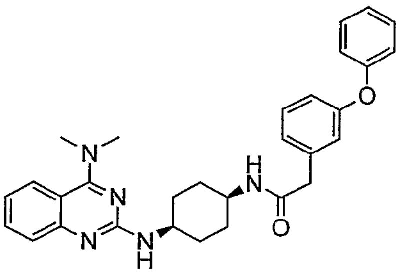
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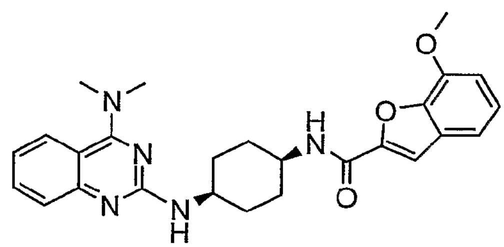
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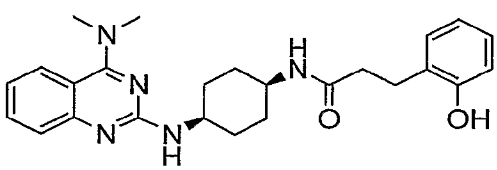
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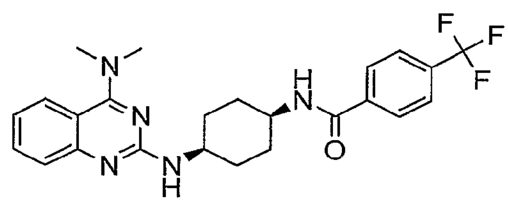
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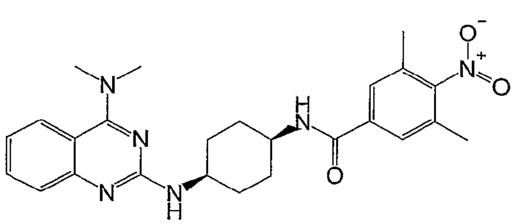
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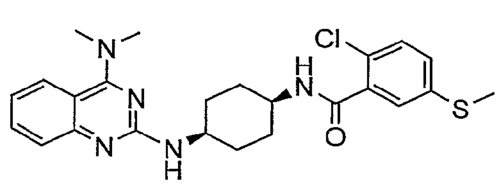
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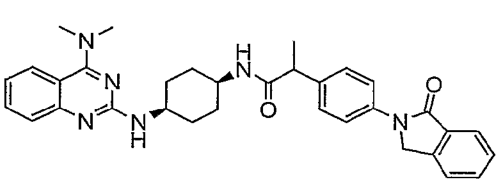
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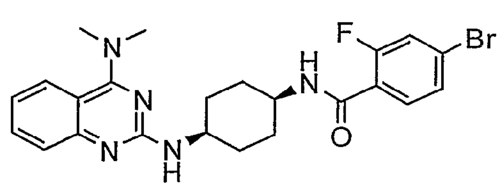
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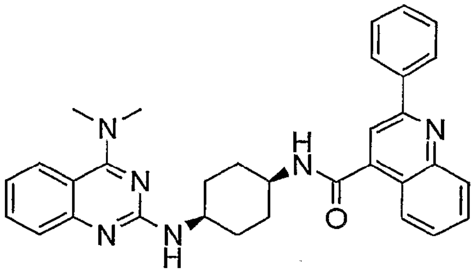
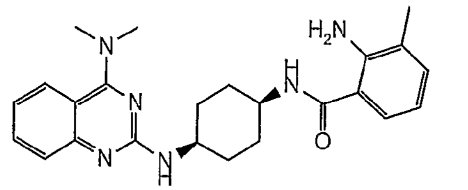
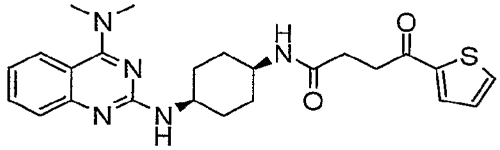
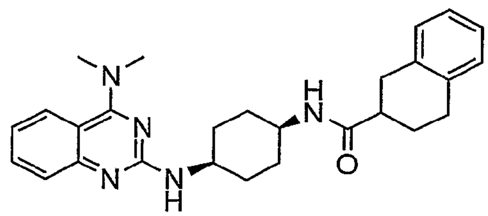
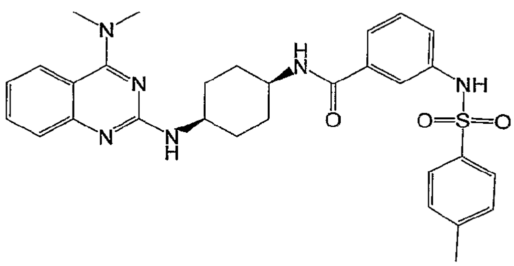
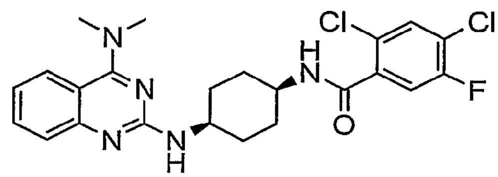
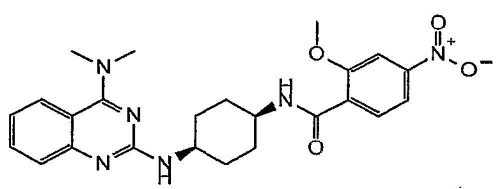
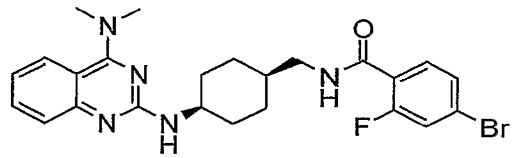
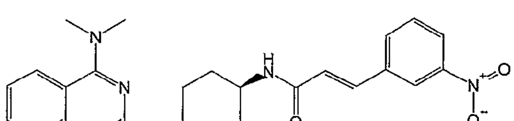
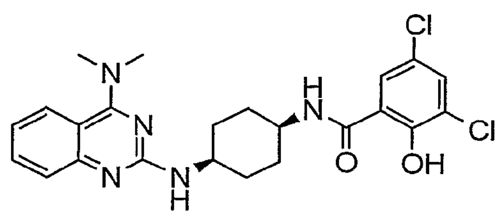
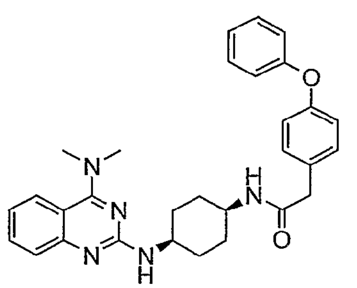
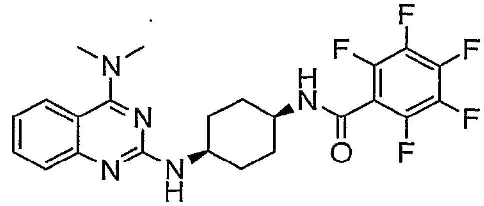
 ,  ,

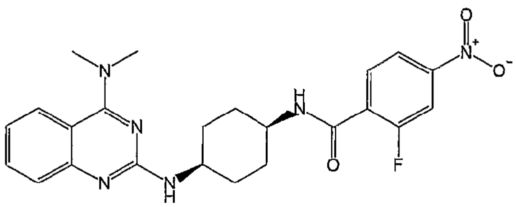
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 ,  ,



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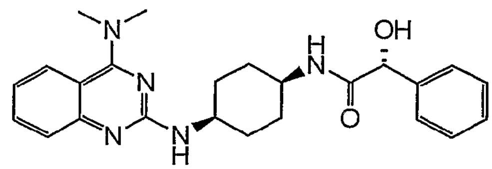

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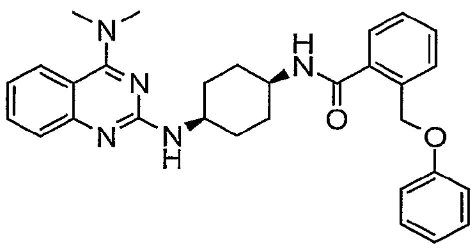

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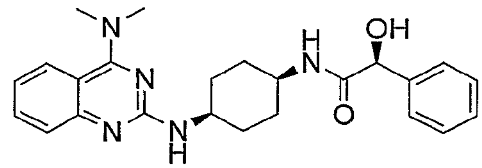


; or, in case of, a salt thereof.

7. A compound according to claim 3, wherein

R_1 represents

(i) C_1-C_{10} alkyl,

C_1-C_{10} alkyl substituted by substituent(s) independently selected from

•C_5-C_6 cycloalkyl,

•carbocyclic aryl,

•heterocyclyl,

(ii) C_3-C_6 cycloalkyl,

(iii) carbocyclic aryl,

(iv) or heterocyclyl;

L is selected from Formula XX - XXII;

wherein carbocyclic aryl is phenyl, naphthyl, anthranyl, or biphenyl;

heterocyclyl is 1,3-dioxo-isoindolyl, 1*H*-indolyl, 1-oxo-3*H*-isobenzofuranyl, 2,3-dihydro-benzo[1,4]dioxinyl, 3,4-dihydro-2*H*-benzo[b][1,4]dioxepinyl, 4-oxo-3,4-dihydro-phthalazinyl, 9,10,10-trioxo-thioxanthenyl, 9*H*-xanthenyl, benzimidazolyl, benzo[1,3]dioxolyl, benzo[2,1,3]oxadiazolyl, benzo[b]thienyl, furyl, imidazolyl, isoxazolyl, morpholino, oxolanyl, piperidyl, pyridyl, quinoxalyl, thienyl, quinolyl, or benzothiazolyl;

or a salt thereof.

8. A compound according to claim 7, wherein

R_1 represents

(i) C_1-C_4 alkyl,

C_1-C_4 alkyl substituted by substituent(s) independently selected from

•cyclopentyl,

•carbocyclic aryl,

•heterocyclyl,

(ii) carbocyclic aryl,

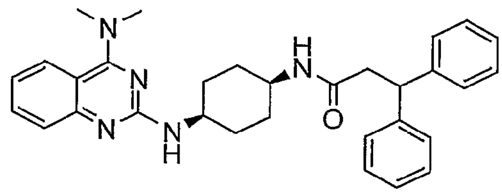
(iii) or heterocyclyl;

wherein carbocyclic aryl is phenyl, naphthyl, anthranyl, or biphenyl;

heterocyclyl is 9*H*-xanthenyl, benzo[1,3]dioxolyl, benzo[2,1,3]oxadiazolyl, benzo[b]thienyl, thienyl, 1*H*-indolyl, quinoxalyl, quinolyl, or benzothiazolyl;

or a salt thereof.

9. A compound according to claim 8 of Formua I thereof selected from the group consisting of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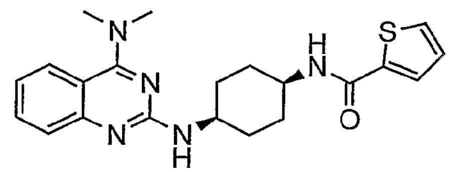
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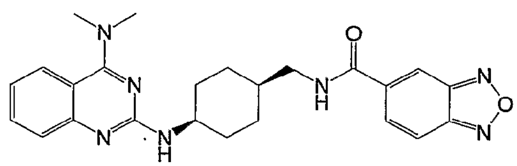
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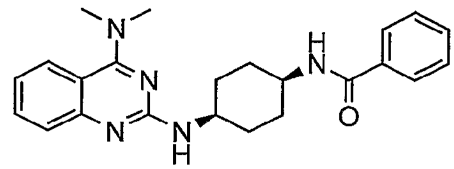
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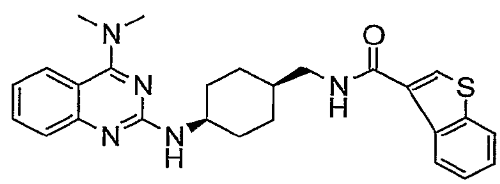
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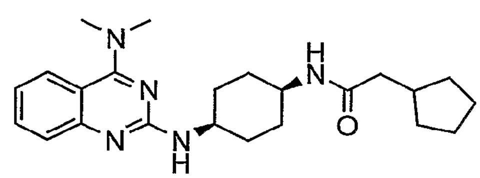
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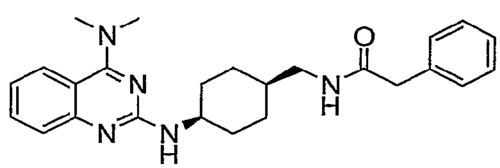
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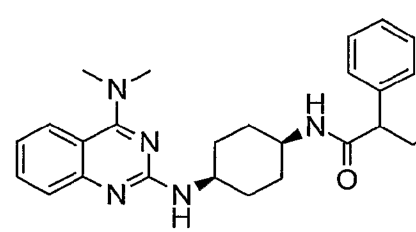
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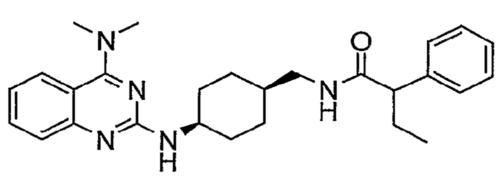
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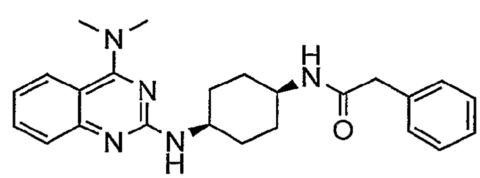
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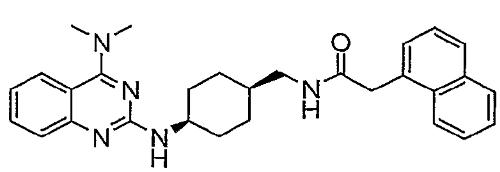
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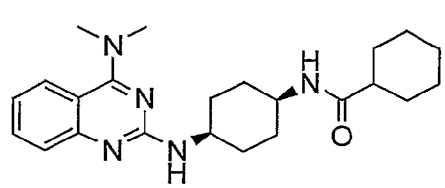
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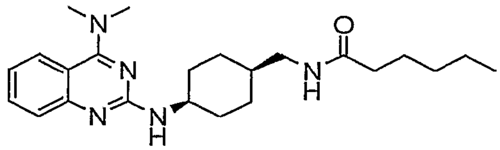
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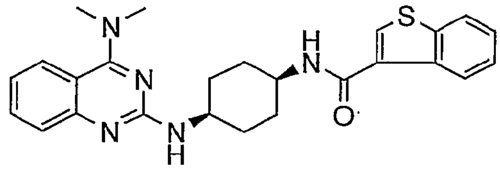
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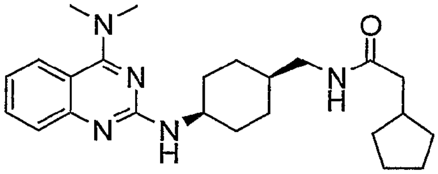
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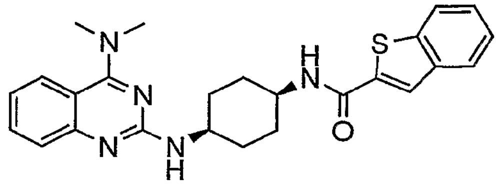
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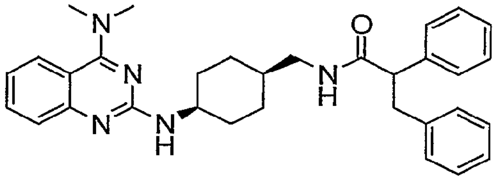
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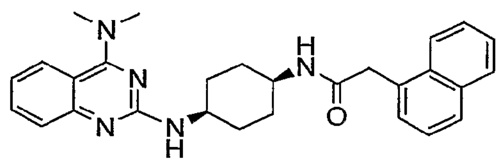
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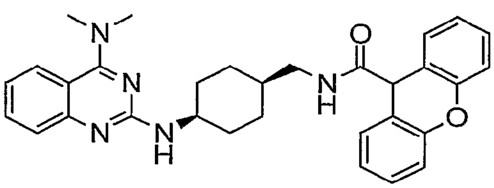
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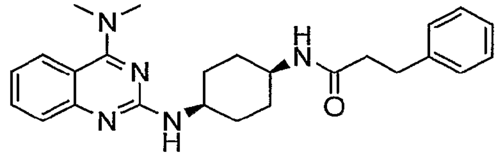
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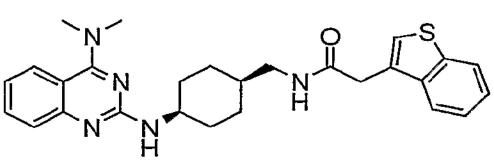
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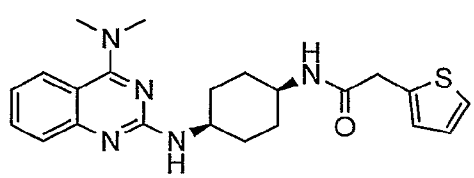
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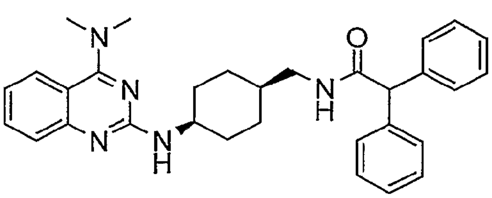
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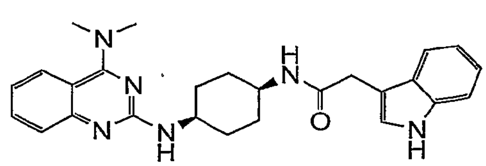
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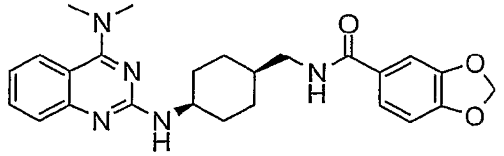
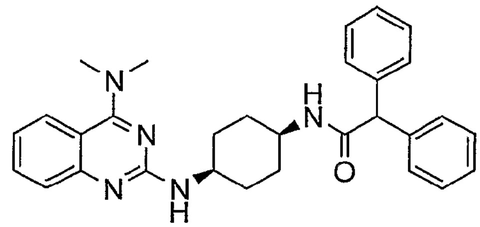
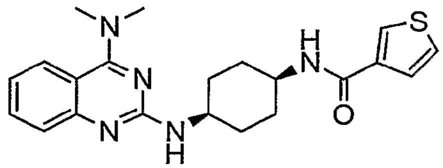
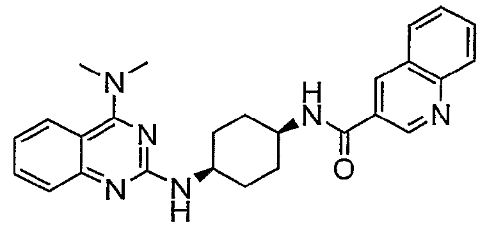
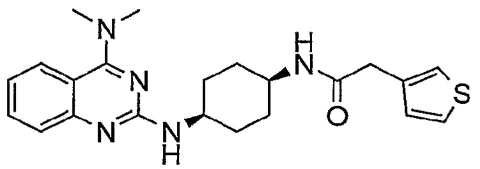
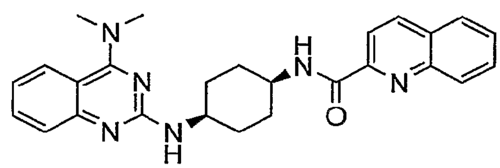
 ,

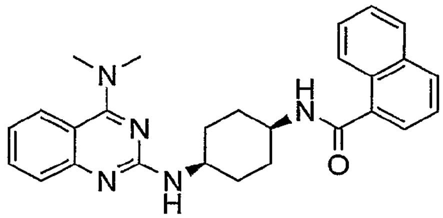
 ,

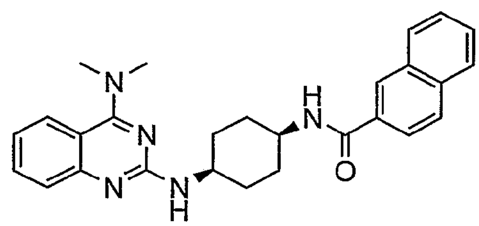
 ,

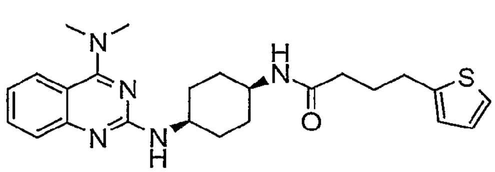
 ,

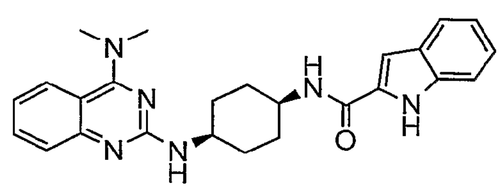
 ,

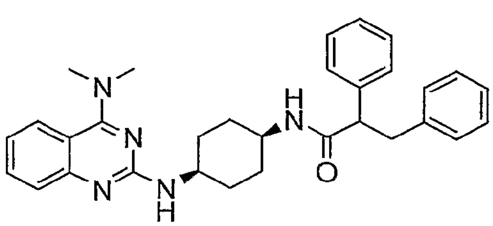
 ,

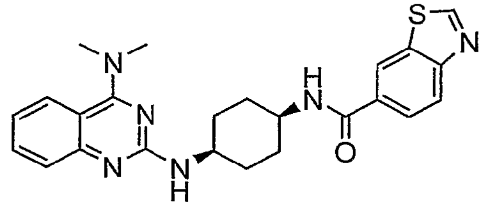
 ,

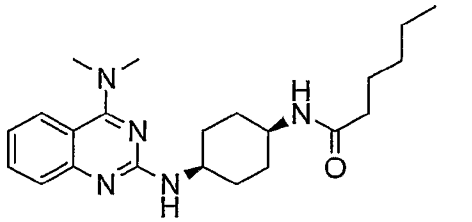
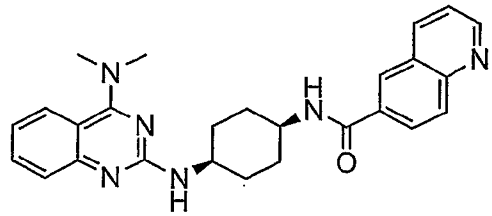
 ,

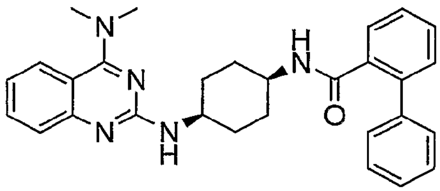
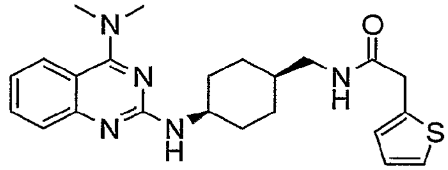
 ,

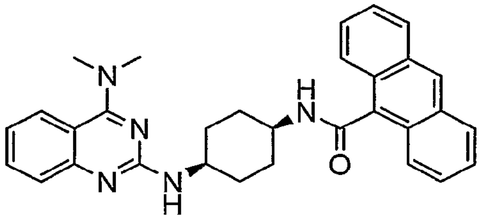
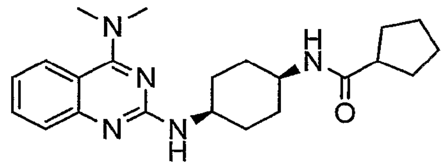
 ,

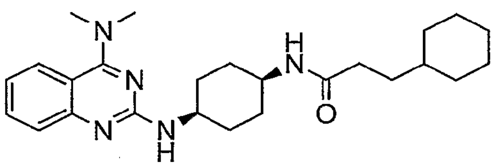
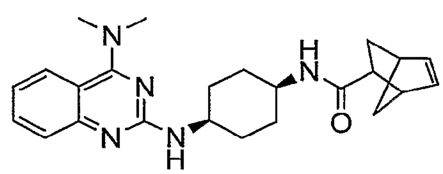
 ,

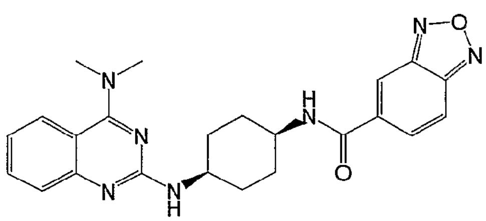
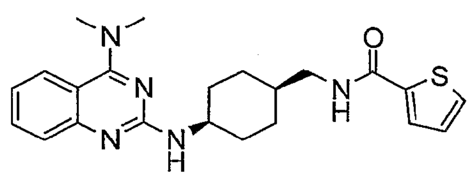
 ,

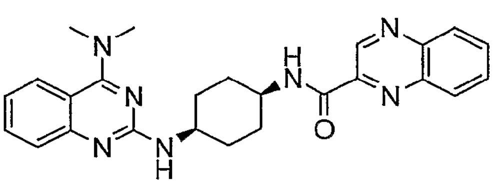
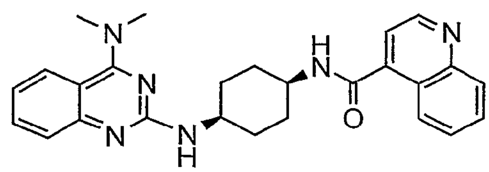
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 ,  ,

 , and 

; or, in case of, a salt thereof.

10. A compound according to claim 1, wherein Q is Fomura II;

R_1 represents

(i) C_1-C_{10} alkyl,

C_1-C_{10} alkyl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•oxo,

•C_1-C_3 alkoxy,

•C_1-C_3 alkoxy substituted by substituent(s) independently selected from

••carbocyclic aryl,

••heterocyclyl,

••heterocyclyl substituted by C_1-C_3 alkyl,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by substituent(s) independently selected from

••halogen,

••nitro,

••carbocyclic aryl,

••carbocyclic aryl substituted by C_1-C_3 alkoxy,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by substituent(s) independently selected from

•••mono- or di-C_1-C_3 alkylamino,

•••mono- or di-C_1-C_3 alkylamino substituted by carbocyclic aryl,

•••mono- or di-C_1-C_3 alkylamino substituted by halogenated carbocyclic aryl,

•mono- or di-C_1-C_3 alkylamino,

•mono- or di-C_1-C_3 alkylamino substituted by substituent(s) independently selected from

••cyano,

••carbocyclic aryl,

••heterocyclyl,

•mono- or di-carbocyclic arylamino,

•mono- or di-carbocyclic arylamino substituted by C_1-C_3 alkyl,

•C_1-C_3 alkylcalbonylamino,

•C_1-C_4 alkoxycalbonylamino,

•carbocyclic arylsulfonylamino,

•carbocyclic arylsulfonylamino substituted by substituent(s) independently selected from

••nitro,

••C_1-C_3 alkyl,

••mono- or di-C_1-C_3 alkylamino,

•C_1-C_3 alkylthio,

•C_1-C_3 alkylthio substituted by substituent(s) independently selected from

••mono- or di-carbocyclic arylamino,

••halogenated mono- or di-carbocyclic arylamino,

••carbocyclic aryl,

••carbocyclic aryl substituted by substituent(s) independently selected from

•••halogen,

•••C_1-C_3 alkoxy,

•carbocyclic arylthio,

•carbocyclic arylthio substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

•carbocyclic arylsulfonyl,

•halogenated carbocyclic arylsulfonyl,

•heterocyclylthio,

•C_3-C_6 cycloalkyl,

•C_3-C_6 cycloalkyl substituted by C_1-C_3 alkyl,

•carbocyclyl,

•carbocyclyl substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

••C_2-C_3 alkenyl,

••C_2-C_3 alkenyl substituted by carbocyclic aryl,

••C_2-C_3 alkenyl substituted by carbocyclic aryl substituted C_1-C_3 alkylsulfinyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••nitro,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by substituent(s) independently selected from

•••halogen,

•••hydroxy,

•••carbocyclic aryl,

•••mono- or di-carbocyclic arylamino,

•••mono- or di-carbocyclic arylamino substituted by substituent(s) independently selected from

••••halogen,

••••nitro,

••••C_1-C_3 alkyl,

••••C_1-C_3 alkoxy,

••••halogenated C_1-C_3 alkoxy,

••C_1-C_3 alkoxy,

••C_1-C_3 alkoxy substituted by substituent(s) independently selected from

•••halogen,

•••carbocyclic aryl,

••carbocyclic aryloxy,

••C_1-C_3 alkoxycarbonyl,

••mono- or di-C_1-C_3 alkylamino,

••C_1-C_3 alkylthio,

••halogenated C_1-C_3 alkylthio,

••C_1-C_3 alkylsulfonyl,

••C_3-C_6 cycloalkyl,

••carbocyclic aryl,

••heterocyclyl,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••C_1-C_3 alkoxy substituted by carbocyclic aryl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

(ii) C_2-C_8 alkenyl,

C_2-C_8 alkenyl substituted by substituent(s) independently selected from

•halogen,

•C_1-C_3 alkoxy,

•C_1-C_3 alkoxy substituted by carbocyclic aryl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••C_1-C_3 alkoxy,

••halogenated C_1-C_3 alkoxy,

•heterocyclyl,

•heterocyclyl substituted by nitro,

(iii) C_2-C_4 alkynyl,

C_2-C_4 alkynyl substituted by carbocyclic aryl,

(iv) C_3-C_6 cycloalkyl,

C_3-C_6 cycloalkyl substituted by substituent(s) independently selected from

•C_1-C_3 alkyl,

•C_1-C_3 alkyl substituted by substituent(s) independently selected from

••hydroxy,

••oxo,

••carbocyclic aryl,

•mono- or di-C_1-C_3 alkylamino,

•mono- or di-C_1-C_3 alkylamino substituted by carbocyclic aryl,

•carbocyclic aryl,

(v) C_3-C_6 cycloalkeyl,

C_3-C_6 cycloalkeyl substituted by C_1-C_3 alkyl,

(vi) carbocyclyl,

carbocyclyl substituted by substituent(s) independently selected from

•hydroxy,

•nitro,

(vii) carbocyclic aryl,

carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•nitro,

•C_1-C_9 alkyl,

•C_1-C_9 alkyl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••oxo,

••C_1-C_3 alkoxy,

••carbocyclic aryloxy,

••mono- or di-C_1-C_3 alkylamino-N-oxy,

••mono- or di-C_1-C_3 alkylamino,

••mono- or di-C_1-C_3 alkylamino substituted by carbocyclic aryl,

••mono- or di-carbocyclic arylamino,

••mono- or di-carbocyclic arylamino substituted by C_1-C_3 alkoxy,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

••heterocyclyl,

••heterocyclyl substituted by C_1-C_3 alkyl,

•C_2-C_3 alkenyl,

•C_2-C_3 alkenyl substituted by carbocyclic aryl,

•C_1-C_9 alkoxy,

•C_1-C_9 alkoxy substituted by substituent(s) independently selected from

••hydroxy,

••halogen,

••carboxy,

••mono- or di-C_1-C_3 alkylamino,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

••heterocyclyl,

••heterocyclyl substituted by substituent(s) independently selected from

•••heterocyclyl,

•••heterocyclyl substituted by substituent(s) independently selected from

••••halogen,

••••C_1-C_3 alkyl,

••••halogenated C_1-C_3 alkyl,

•C_2-C_3 alkenyloxy,

•C_1-C_3 alkylcarbonyloxy,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by substituent(s) independently selected from

••halogen,

••C_1-C_4 alkyl,

••halogenated C_1-C_4 alkyl,

••C_1-C_3 alkoxy,

•heterocyclyloxy,

•heterocyclyloxy substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

•(carbocyclic aryl)$S(O)_2O$,

•carboxy,

•C_1-C_3 alkoxycarbonyl,

•mono- or di-C_1-C_3 alkylaminocarbonyl,

•mono- or di-C_1-C_3 alkylaminocarbonyl substituted by carbocyclic aryl,

•amino,

•mono- or di-C_1-C_4 alkylamino,

•mono- or di-C_1-C_4 alkylamino substituted by cyano,

•mono- or di-carbocyclic arylamino,

•C_1-C_3 alkylcarbonylamino,

•carbocyclic arylsulfonylamino,

•carbocyclic arylsulfonylamino substituted by C_1-C_3 alkyl,

•(carbocyclic aryl)NHC(O)NH,

•(carbocyclic aryl)NHC(O)NH substituted by C_1-C_3 alkoxy,

•(carbocyclic aryl)NHC(O)NH substituted by haloganated C_1-C_3 alkoxy,

•C_1-C_3 alkylthio,

•halogenated C_1-C_3 alkylthio,

•carbocyclic arylthio,

•halogenated carbocyclic arylthio,

•carbocyclic arylthio substituted by C_1-C_3 alkyl,

•heterocyclylthio,

•C_1-C_3 alkylsulfonyl,

•mono- or di-C_1-C_3 alkylaminosulfonyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••C_1-C_7 alkyl,

••halogenated C_1-C_7 alkyl,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••C_1-C_3 alkyl,

••carbocyclic aryl,

••halogenated carbocyclic aryl,

(viii) heterocyclyl,

or heterocyclyl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•nitro,

•C_1-C_4 alkyl,

•C_1-C_4 alkyl substituted by substituent(s) independently selected from

••halogen,

••hydroxy,

••oxo,

••C_1-C_3 alkylcarbonyloxy,

••C_1-C_3 alkoxycarbonyl,

••C_1-C_3 alkylthio,

••C_1-C_3 alkylthio substituted by carbocyclic aryl,

••C_1-C_3 alkylthio substituted by halogenated carbocyclic aryl,

••carbocyclic aryl,

••carbocyclic aryl substituted by substituent(s) independently selected from

•••halogen,

•••nitro,

••heterocyclyl,

•C_1-C_3 alkoxy,

•C_1-C_3 alkoxy substituted by carbocyclic aryl,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by C_1-C_3 alkyl,

•mono- or di-C_1-C_3 alkylamino,

•C_1-C_4 alkylcarbonylamino,

•C_1-C_3 alkylthio,

•carbocyclic arylthio,

•halogenated carbocyclic arylthio,

•carbocyclic arylthio substituted by C_1-C_3 alkoxycarbonyl,

•heterocyclylthio,

•heterocyclylthio substituted by C_1-C_3 alkyl,

•C_1-C_3 alkylsulfonyl,

•carbocyclic arylsulfonyl,

•carbocyclic arylsulfonyl substituted by C_1-C_4 alkyl,

•C_1-C_3 alkoxycarbonyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••nitro,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••halogenated C_1-C_3 alkoxy,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••C_1-C_3 alkoxycarbonyl;

Y is -$(CH_2)_m$, m is 0 or 1;

wherein carbocyclic aryl is phenyl, naphthyl, biphenyl, or phenanthryl; carbocyclyl is 9*H*-fluorenyl, 9-oxo-fluorenyl, acenaphthyl, anthraquinonyl, indanyl, or indenyl;

heterocyclyl is 1,2,3-thiadiazolyl, 1,2,3-triazolyl, 1,2-dihydro-3-oxo-pyrazolyl, 1,3,4-thiadiazolyl, 1,3-dioxo-isoindolyl, 1,3-dioxolanyl, 1*H*-indolyl, 1*H*-pyrrolo[2,3-c]pyridyl, 1*H*-pyrrolyl, 2,2',5',2"-terthiophenyl, 2,2'-bithiophenyl, 2,3-dihydro-1-oxo-isoindolyl, 2,3-dihydro-benzo[1,4]dioxinyl, 2,3-dihydro-benzofuryl, 2,4-dihydro-3-oxo-pyrazolyl, 2*H*-benzopyranyl, 2-oxo-pyrrolidinyl, 3,4-dihydro-2*H*-benzo[1,4]oxazinyl, 3,4-dihydro-2*H*-benzo[b][1,4]dioxepinyl, 4*H*-benzo[1,3]dioxinyl, 4*H*-benzopyranyl, 4-oxo-1,5,6,7-tetrahydro-indolyl, 4-oxo-benzopyranyl, 9*H*-carbazolyl, 9*H*-xanthenyl, azetidinyl, benzimidazolyl, benzo[1,3]dioxolyl, benzo[b]thienyl, benzofuryl, benzothiazolyl, furyl, imidazo[2,1-b]thiazolyl, imidazolyl, isoxazolyl, morpholino, morpholinyl, oxolanyl, piperazyl, piperidyl, pyrazolo[5,1-b]thiazolyl, pyrazolyl, pyridyl, pyrimidyl, pyrrolidyl, quinolyl, quinoxalyl, thiazolidyl, thiazolyl, thienyl, or thiolanyl;

halogen is fluoro, chloro, bromo, or iodo;

or a salt thereof.

11. A compound according to claim 10, wherein

R_1 represents

(i) C_1-C_{10} alkyl substituted by substituent(s) independently selected from

•methoxy,

•methoxy substituted by carbocyclic aryl,

•carbocyclic aryloxy,

•halogenated carbocyclic aryloxy,

•mono-C_1-C_2 alkylamino substituted by cyano,

•mono- or di-C_1-C_2 alkylamino substituted by carbocyclic aryl,

•mono-carbocyclic arylamino,

•mono-carbocyclic arylamino substituted by methyl,

•carbocyclic arylsulfonylamino substituted by methyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••nitro,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by carbocyclic aryl,

••C_1-C_4 alkyl substituted by hydroxy,

••C_1-C_2 alkoxy,

••halogenated C_1-C_2 alkoxy,

•heterocyclyl substituted by carbocyclic aryl,

(ii) C_2-C_8 alkenyl substituted by substituent(s) independently selected from

•methoxy substituted by carbocyclic aryl,

•carbocyclic aryl,

•carbocyclic aryl substituted by methoxy,

(iii) C_2-C_4 alkynyl substituted by carbocyclic aryl,

(iv) cyclohexyl substituted by carbocyclic arylmethyl,

(v) carbocyclyl,

(vi) carbocyclic aryl,

carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•amino,

•C_1-C_9 alkyl,

•halogenated C_1-C_9 alkyl,

•C_1-C_9 alkoxy,

•C_1-C_9 alkoxy substituted by substituent(s) independently selected from

••halogen,

••halogenated carbocyclic aryl,

•propenyloxy,

•methylamino,

•di-C_1-C_2 alkylamino,

•di-C_1-C_2 alkylamino substituted by cyano,

•methylthio,

•halogenated methylthio,

(vii) heterocyclyl,

or heterocyclyl substituted by substituent(s) independently selected from

•halogen,

•C_1-C_4 alkyl,

•C_1-C_4 alkyl substituted by hydroxy,

•C_1-C_4 alkyl substituted by carbocyclic aryl,

•methoxy,

•C_1-C_2 alkoxycarbonyl,

•carbocyclic arylthio substituted by methoxycarbonyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••halogenated methyl,

•heterocyclyl;

R_2 is methylamino or dimethylamino;

L is selected from Formula Va, VIIIa, or IXa;

wherein carbocyclic aryl is phenyl, naphthyl, biphenyl, or phenanthryl;

carbocyclyl is 9*H*-fluorenyl, acenaphthyl, or anthraquinonyl;

heterocyclyl is 1,2,3-thiadiazolyl, 1,2,3-triazolyl, 1,2-dihydro-3-oxo-pyrazolyl, 1,3-dioxolanyl, 1*H*-indolyl, 1*H*-pyrrolyl, 2,2',5',2''-terthiophenyl, 2,2'-bithiophenyl, 2,3-dihydro-benzo[1,4]dioxinyl, 3,4-dihydro-2*H*-benzo[1,4]oxazinyl, 4-oxo-benzopyranyl, 9*H*-carbazolyl, 9*H*-xanthenyl, benzimidazolyl, benzo[1,3]dioxolyl, benzo[b]thienyl, benzofuryl,

benzothiazolyl, furyl, imidazolyl, isoxazolyl, oxolanyl, pyrazolo[5,1-b]thiazolyl, pyrazolyl, pyridyl, pyrimidyl, quinolyl, quinoxalyl, thiazolidyl, thiazolyl, thienyl, 2*H*-benzopyranyl, 4*H*-benzo[1,3]dioxinyl, azetidinyl, imidazo[2,1-b]thiazolyl, morpholinyl, or 2,3-dihydro-benzofuryl;

halogen is fluoro, chloro, bromo, or iodo;

or a salt thereof.

12. A compound according to claim 11, wherein

R_1 represents

(i) C_1-C_7 alkyl substituted by substituent(s) independently selected from

•methoxy,

•methoxy substituted by carbocyclic aryl,

•carbocyclic aryloxy,

•halogenated carbocyclic aryloxy,

•mono-ethylamino substituted by cyano,

•di-methylamino substituted by carbocyclic aryl,

•mono-carbocyclic arylamino,

•mono-carbocyclic arylamino substituted by methyl,

•carbocyclic arylsulfonylamino substituted by methyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••nitro,

••C_1-C_4 alkyl,

••C_1-C_4 alkyl substituted by carbocyclic aryl,

••C_1-C_4 alkyl substituted by hydroxy,

••metoxy,

••halogenated methoxy,

•heterocyclyl substituted by carbocyclic aryl,

(ii) C_2-C_7 alkenyl substituted by substituent(s) independently selected from

•methoxy substituted by carbocyclic aryl,

•carbocyclic aryl,

•carbocyclic aryl substituted by methoxy,

(iii) butynyl substituted by carbocyclic aryl,

(iv) cyclohexyl substituted by carbocyclic arylmethyl,

(v) carbocyclyl,

(vi) carbocyclic aryl,

carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•hydroxy,

•cyano,

•amino,

•C_1-C_2 alkyl,

•halogenated methyl,

•C_1-C_3 alkoxy,

•C_1-C_3 alkoxy substituted by substituent(s) independently selected from

••halogen,

••halogenated carbocyclic aryl,

•propenyloxy,

•di-C_1-C_2 alkylamino,

•di-C_1-C_2 alkylamino substituted by cyano,

•methylthio,

•halogenated methylthio,

(vii) heterocyclyl,

or heterocyclyl substituted by substituent(s) independently selected from

•halogen,

•C_1-C_3 alkyl,

•C_1-C_3 alkyl substituted by hydroxy,

•C_1-C_3 alkyl substituted by carbocyclic aryl,

•methoxy,

•ethoxycarbonyl,

•carbocyclic arylthio substituted by methoxycarbonyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••halogenated methyl,

•heterocyclyl;

L is selected from Formula XX - XXII;

wherein carbocyclic aryl is phenyl, **naphthyl**, or biphenyl;

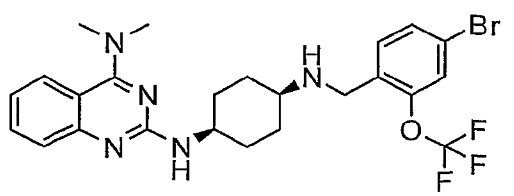
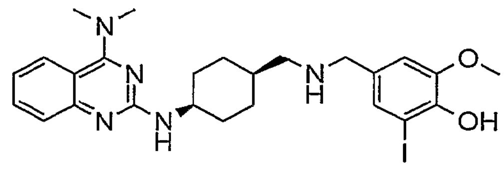
carbocyclyl is acenaphthyl;

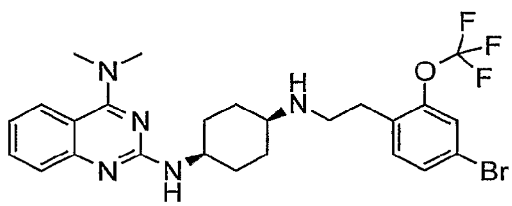
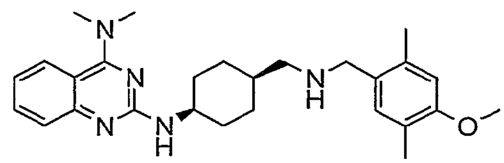
heterocyclyl is 1*H*-indolyl, 1*H*-pyrrolyl, 2,3-dihydro-benzo[1,4]dioxinyl, 9*H*-carbazolyl, benzo[1,3]dioxolyl, furyl, pyrazolyl, thienyl, 4-oxo-benzopyranyl, azetidinyl, imidazo[2,1-b]thiazolyl, pyridyl, imidazolyl, 2,3-dihydro-benzofuryl, or benzo[b]thienyl;

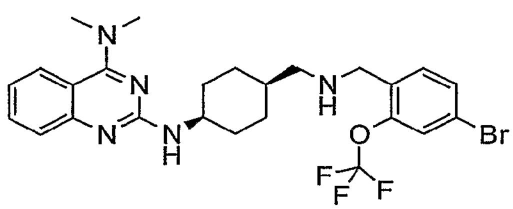
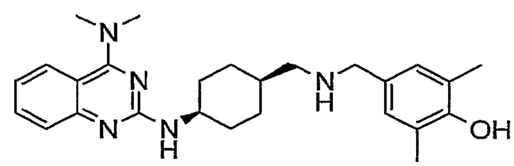
halogen is fluoro, chloro, bromo, or iodo;

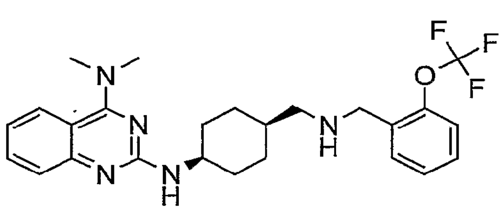
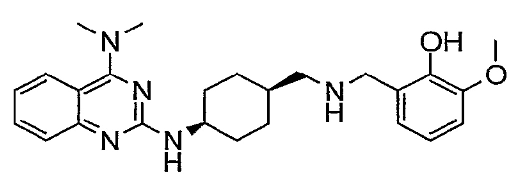
or a salt thereof.

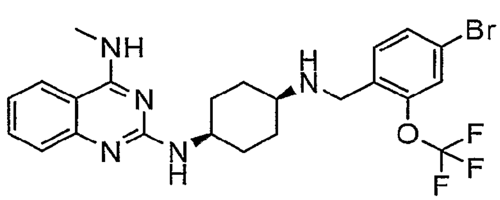
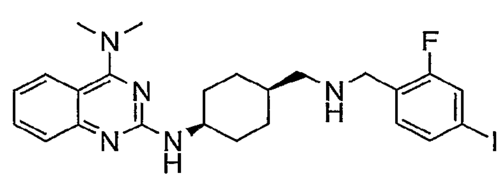
13. A compound according to claim 12 of Formua I selected from the group consisting of

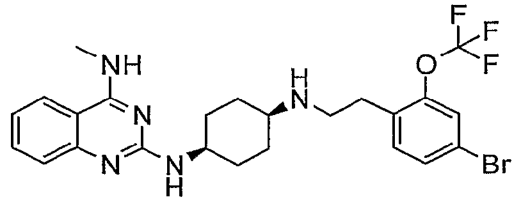
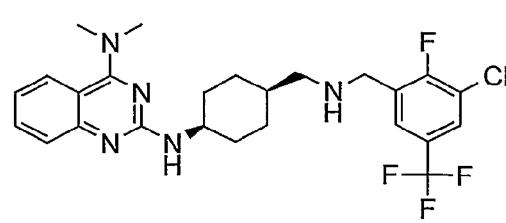
 ,  ,

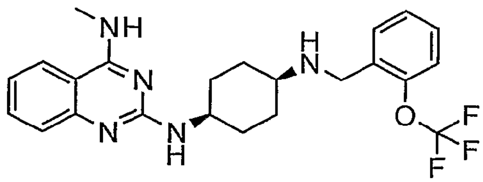
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 ,  ,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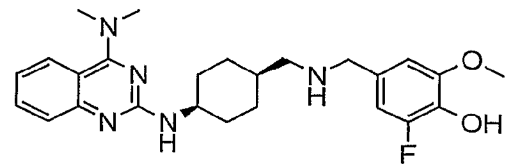
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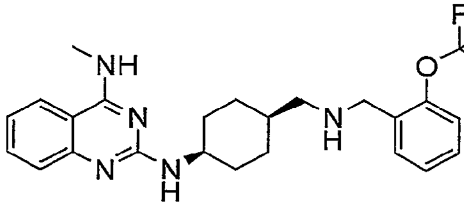
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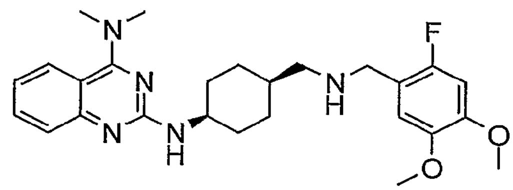
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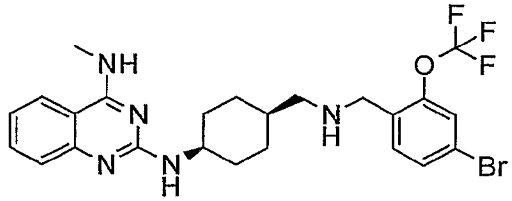
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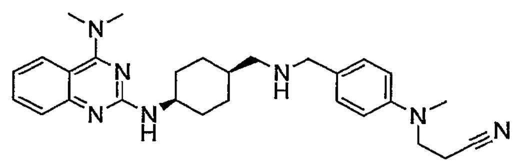
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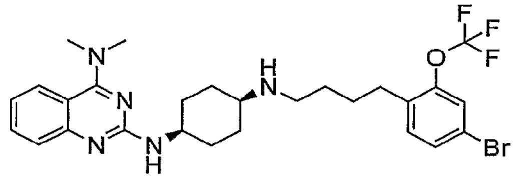
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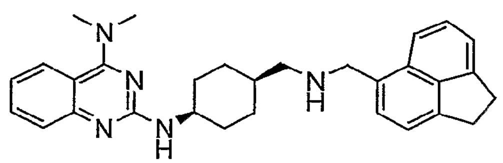
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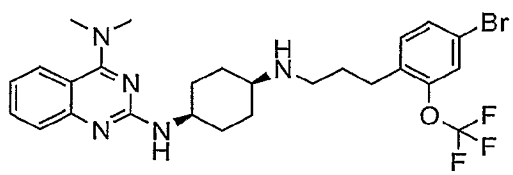
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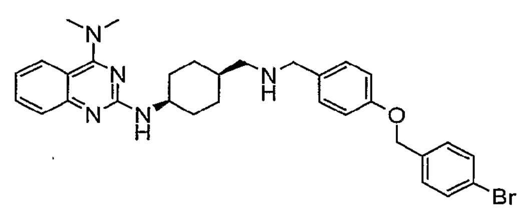
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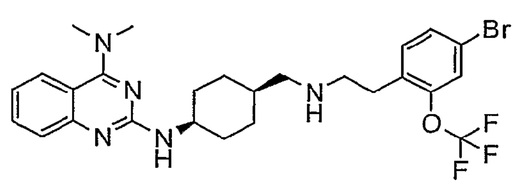
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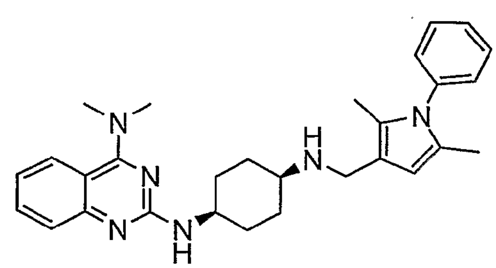
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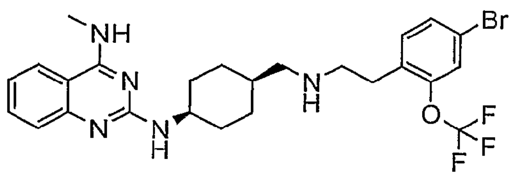
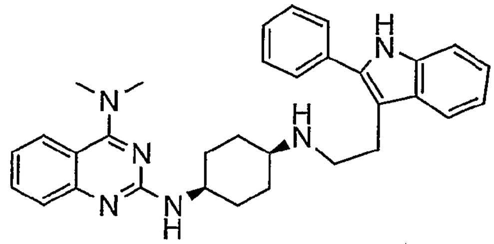
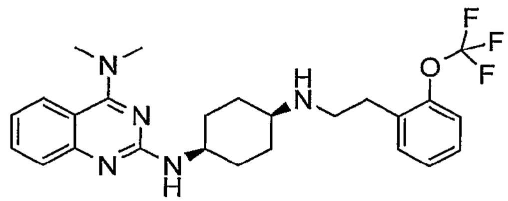
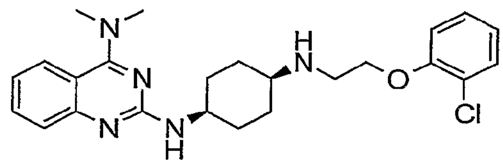
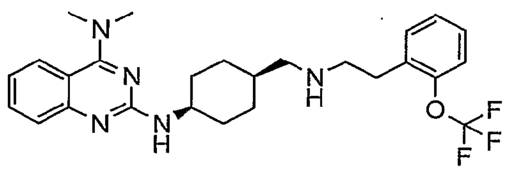
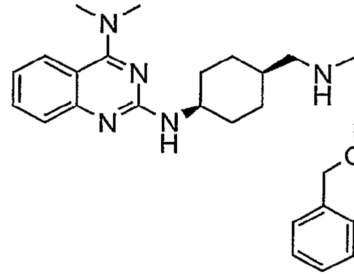
 ,

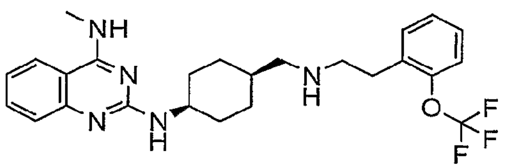
 ,

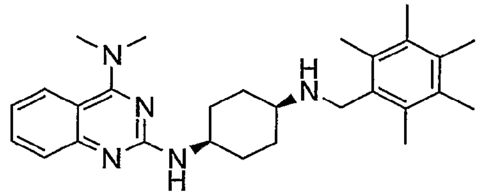
 ,

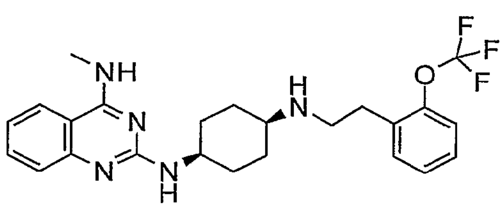
 ,

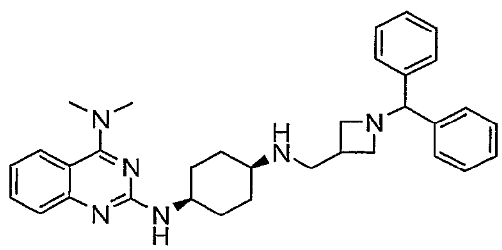
 ,

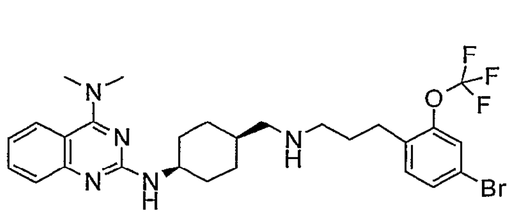
 ,

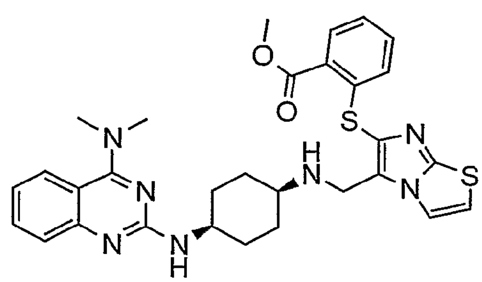
 ,

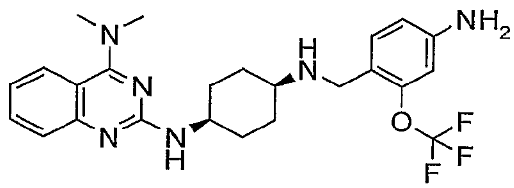
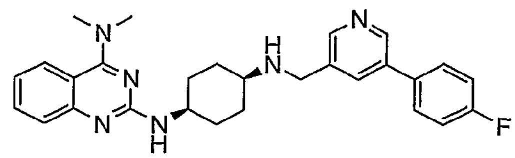
 ,

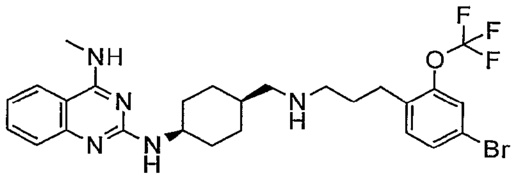
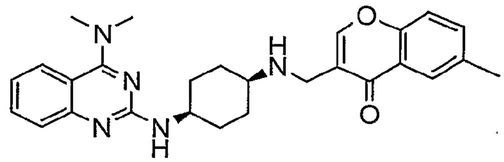
 ,

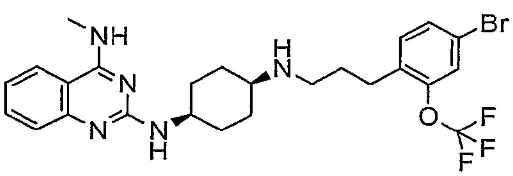
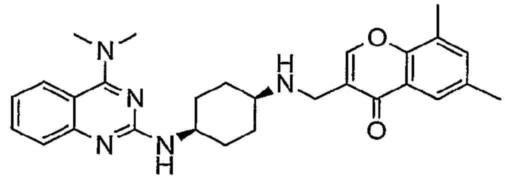
 ,

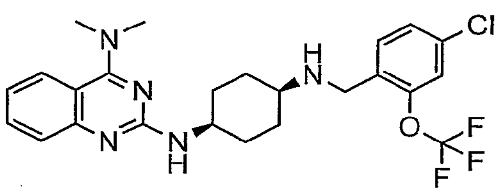
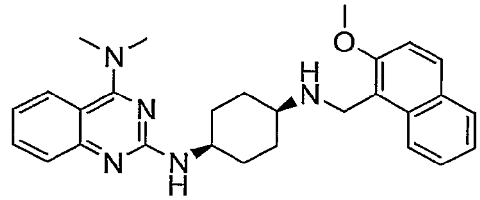
 ,

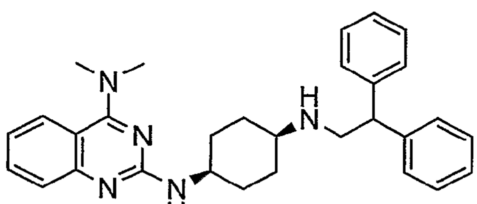
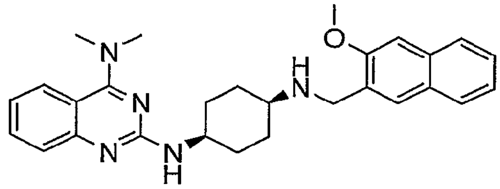
 ,

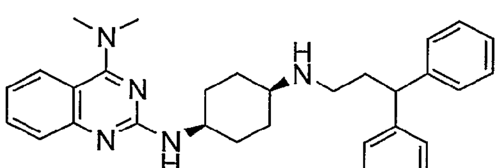
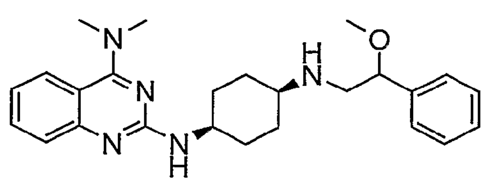
 ,  ,

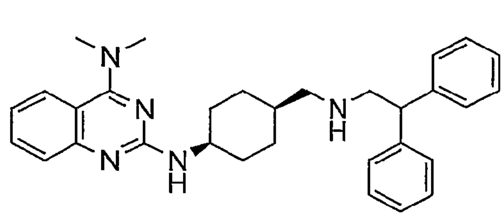
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 ,  ,



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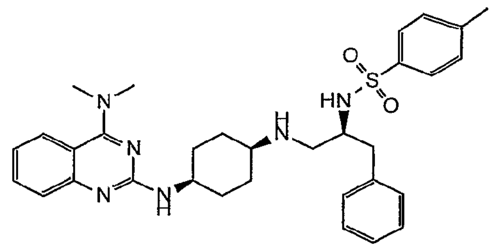

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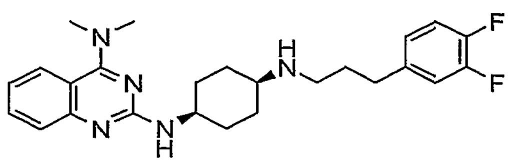

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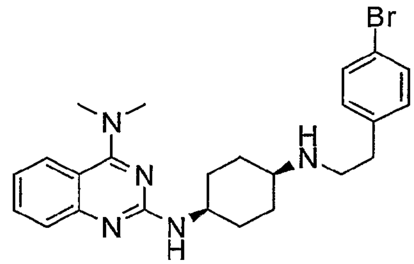

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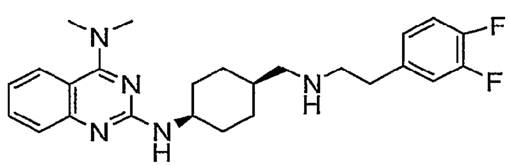

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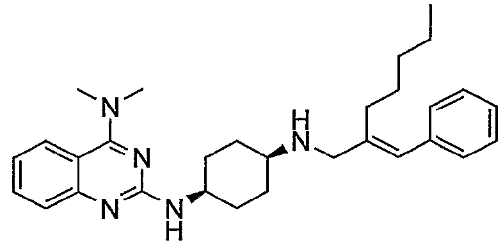

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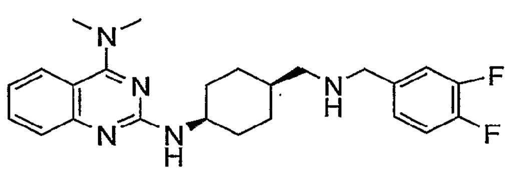

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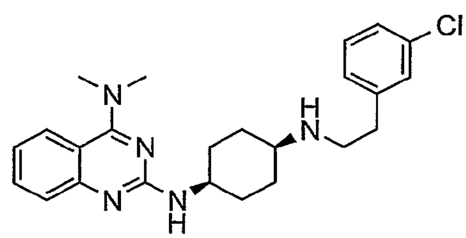

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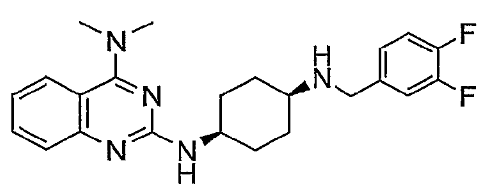

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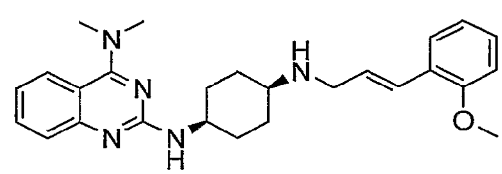

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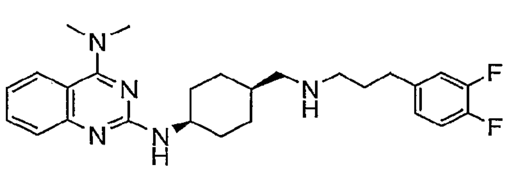

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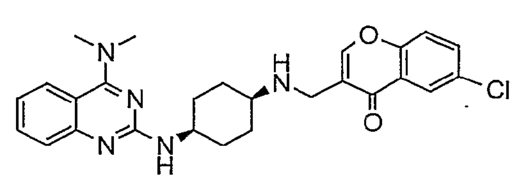

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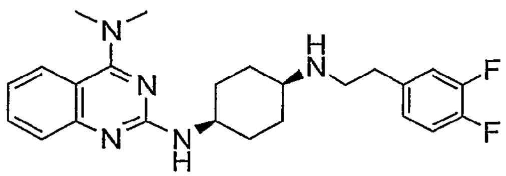
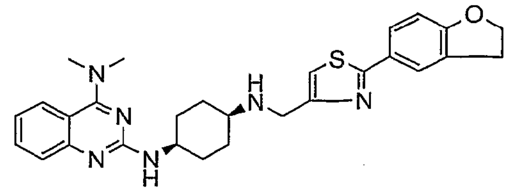
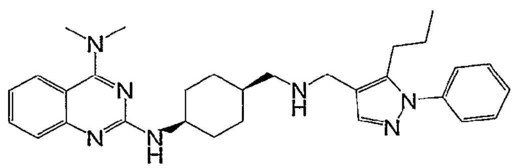
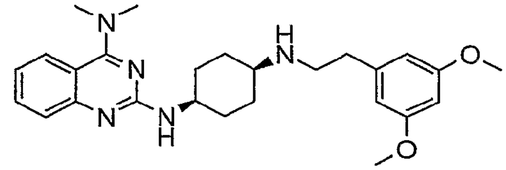
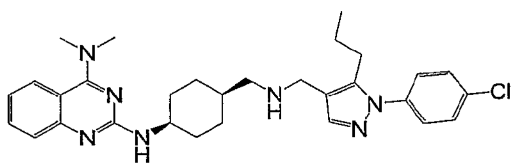
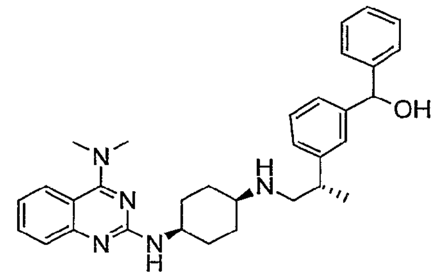
 ,

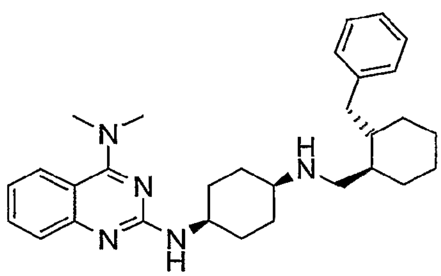
 ,

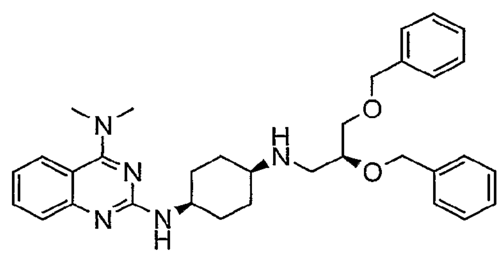
 ,

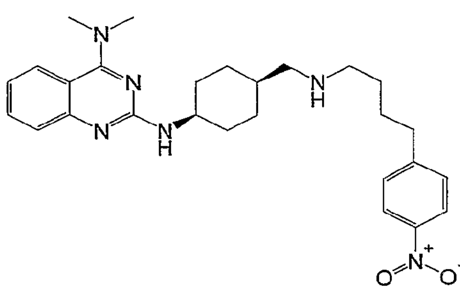
 ,

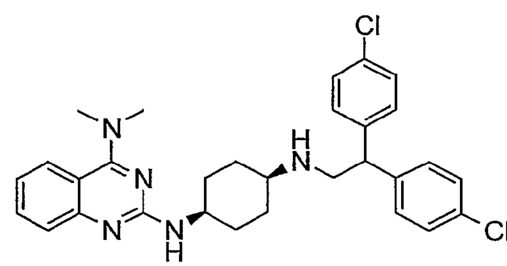
 ,

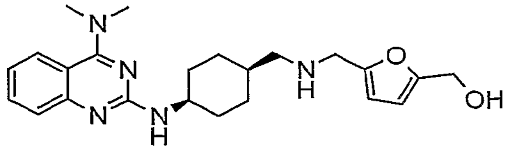
 ,

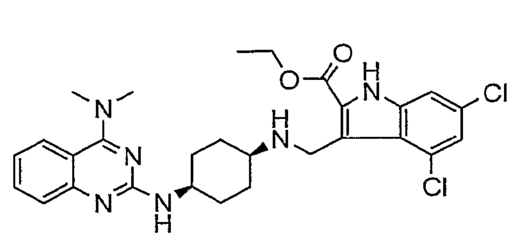
 ,

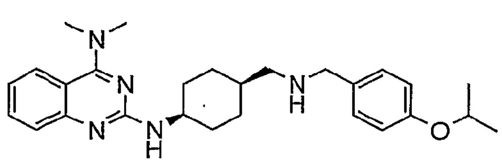
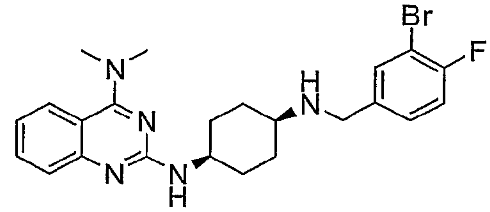
 ,

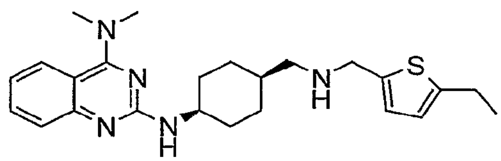
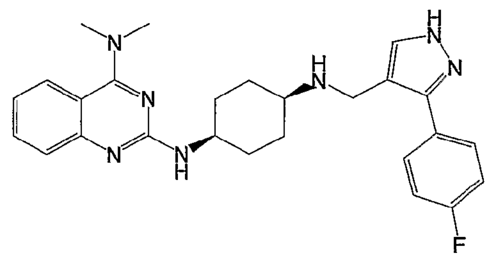
 ,

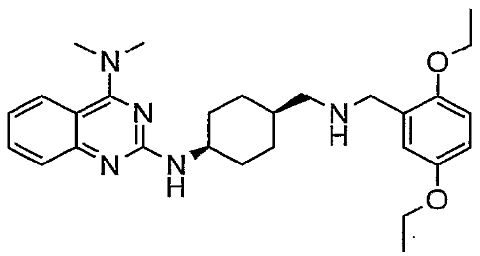
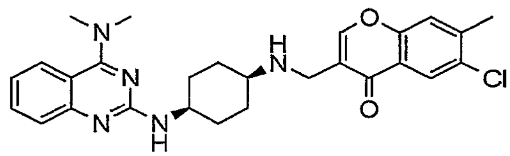
 ,

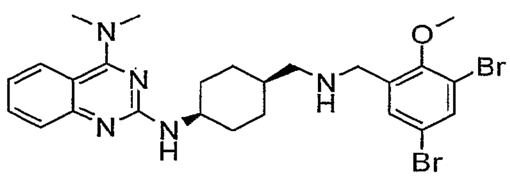
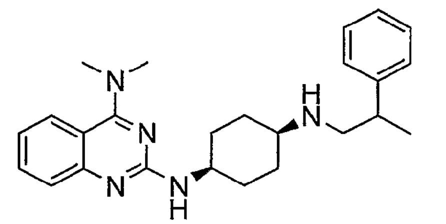
 ,

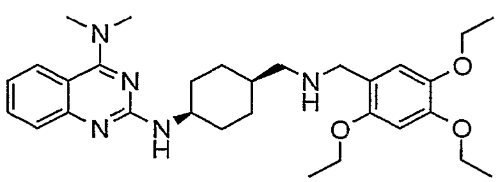
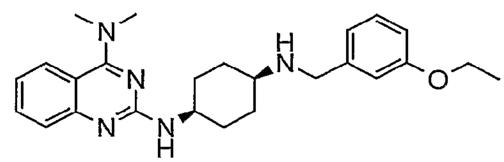
 ,

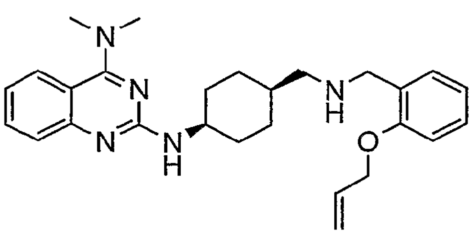
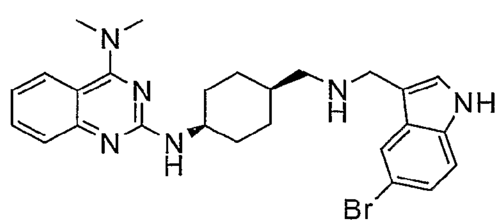
 ,  ,

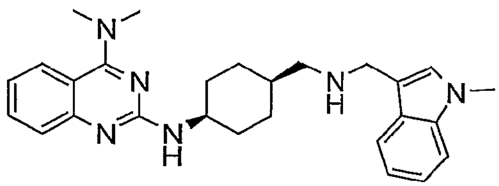
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 ,  ,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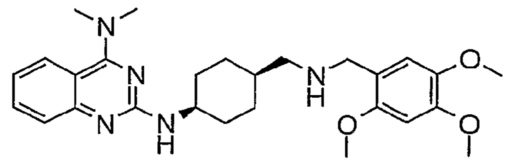
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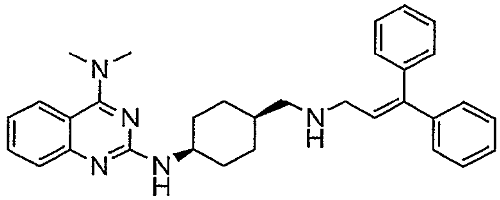
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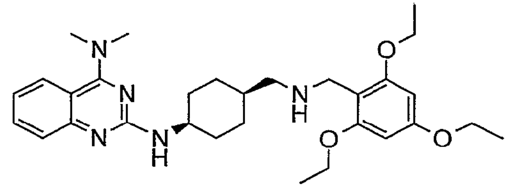
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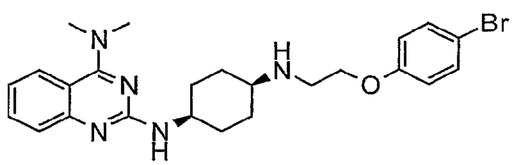
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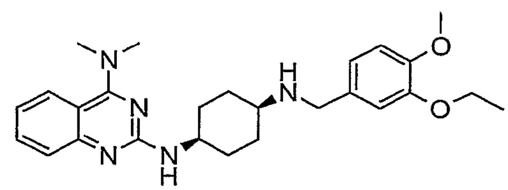
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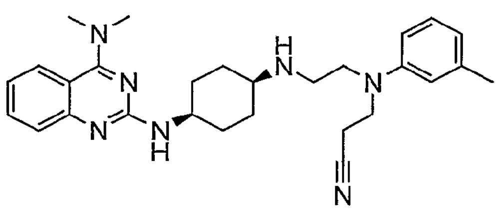
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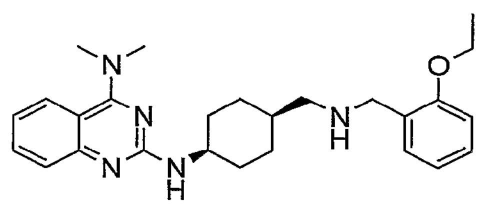
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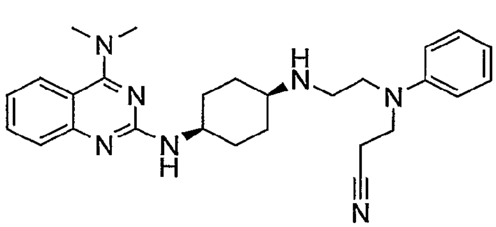
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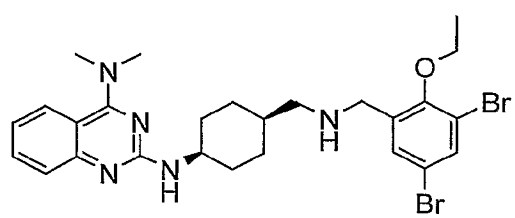
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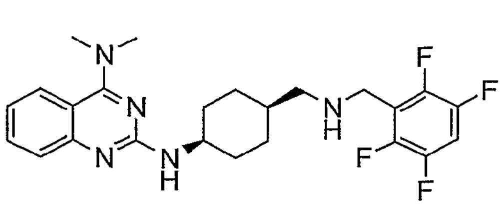
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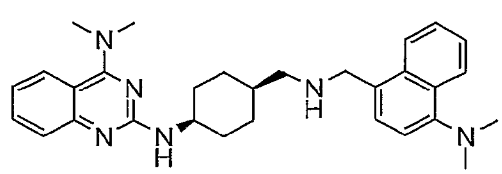
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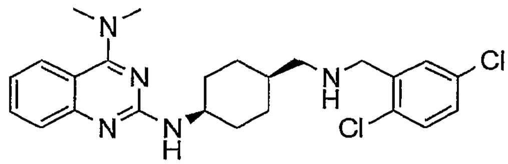
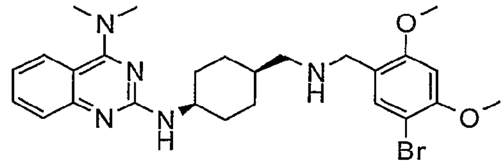
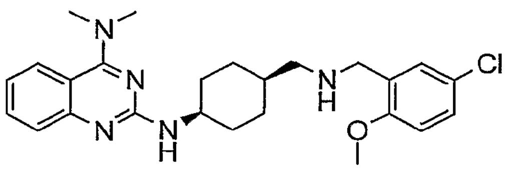
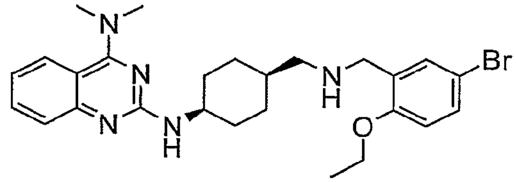
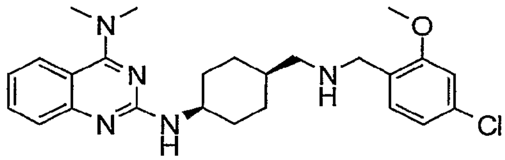
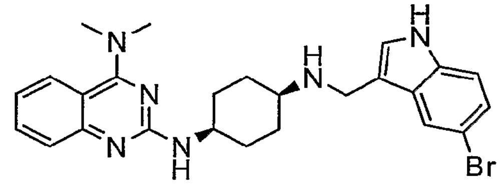
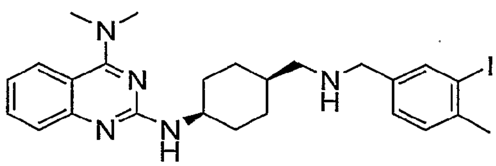
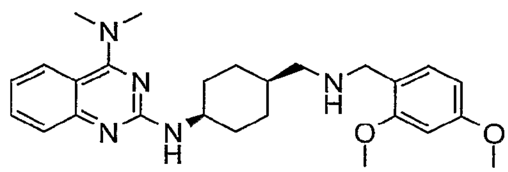
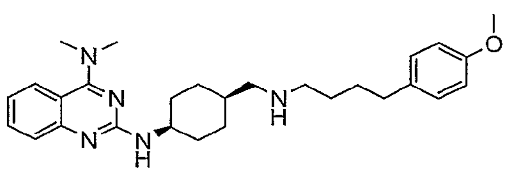
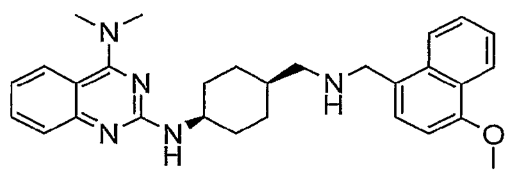
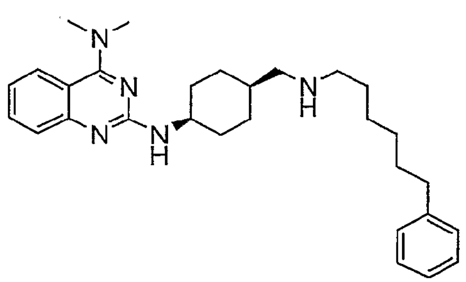
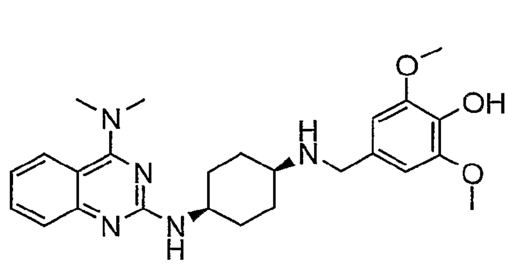
 ,  ,

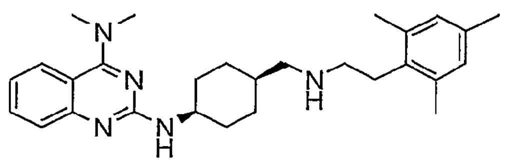
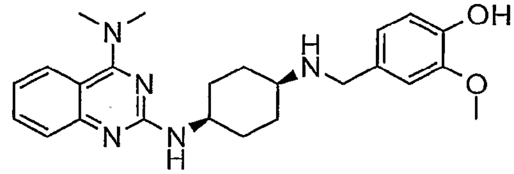
 ,  ,

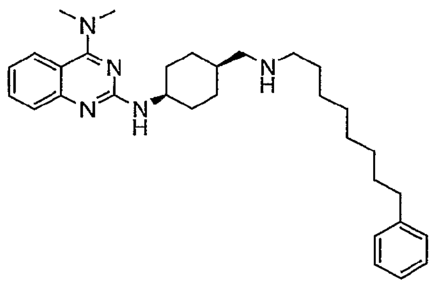
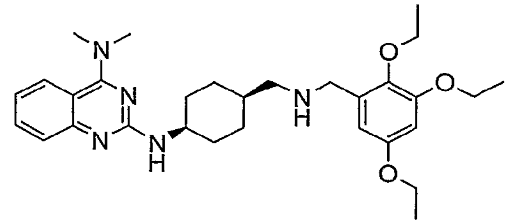
 ,  ,

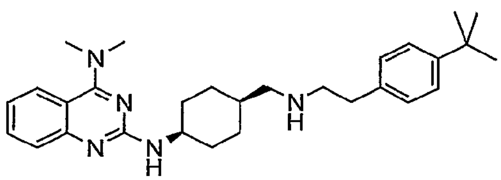
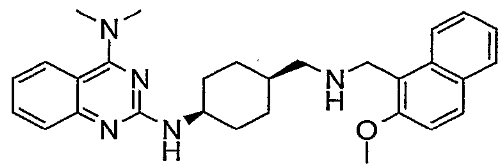
 ,  ,

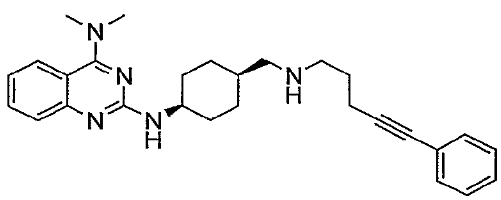
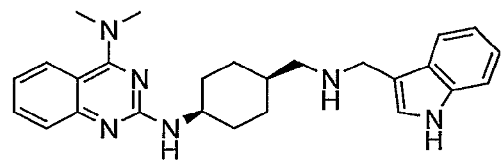
 ,  ,

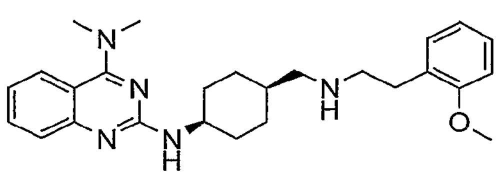
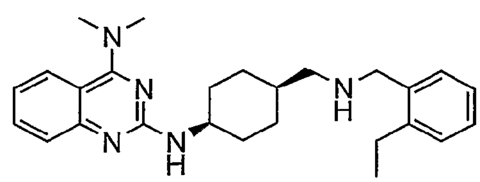
 ,  ,

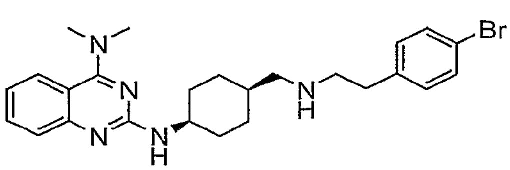
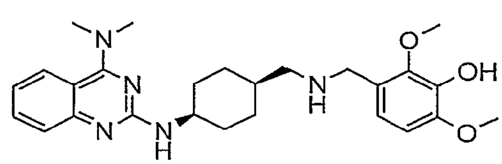
 ,  ,

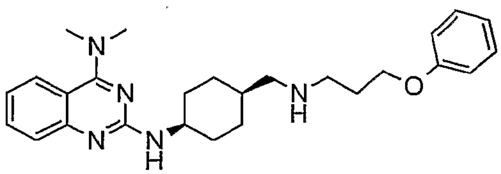
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 ,  ,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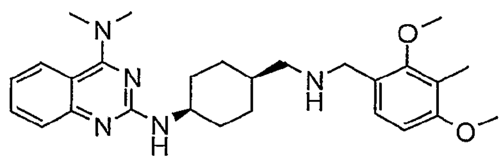
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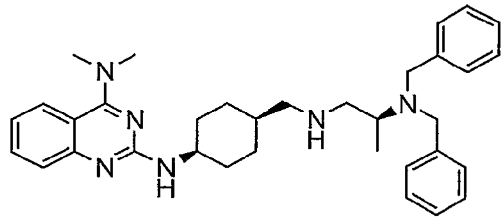
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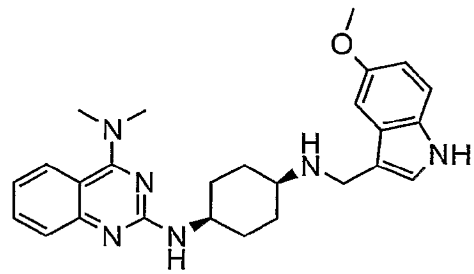
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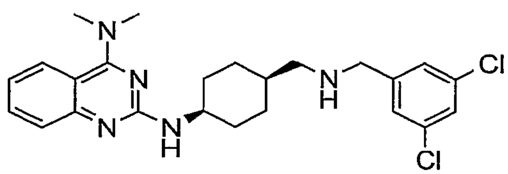
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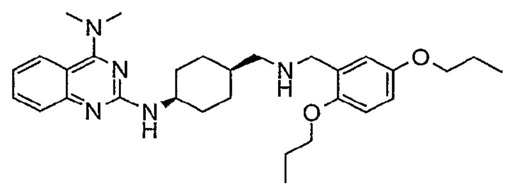
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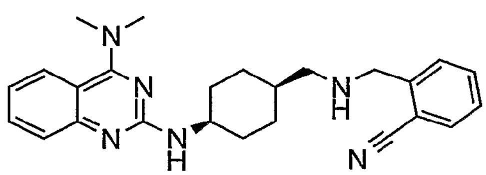
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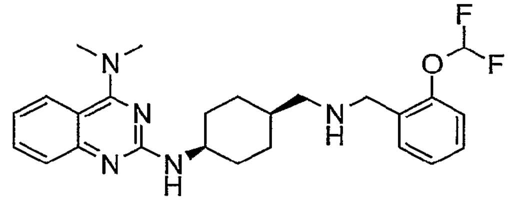
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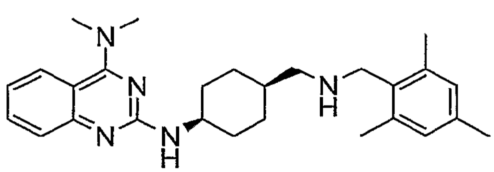
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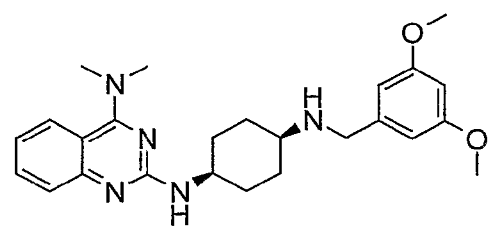
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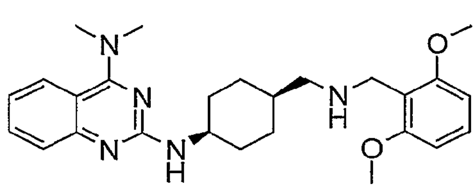
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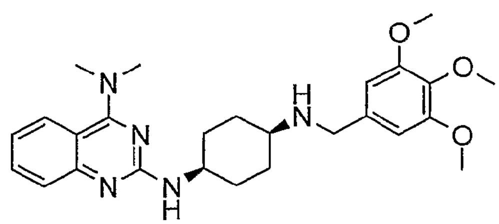
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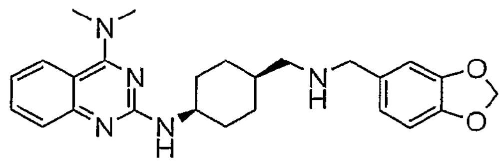
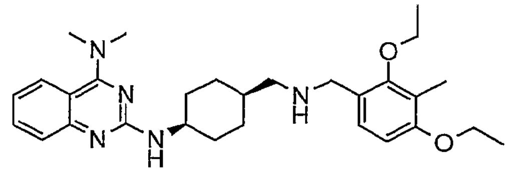
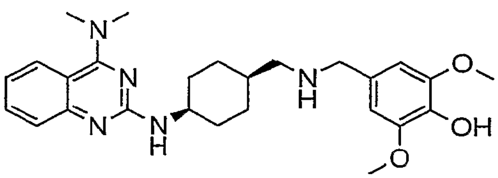
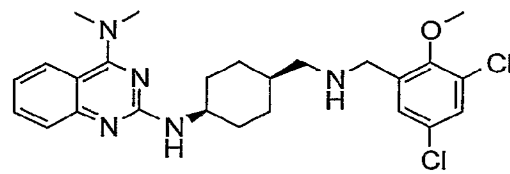
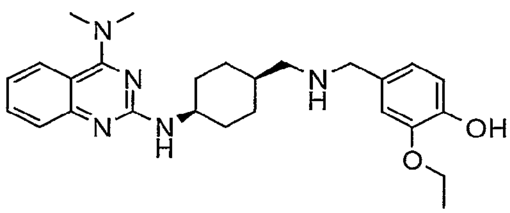
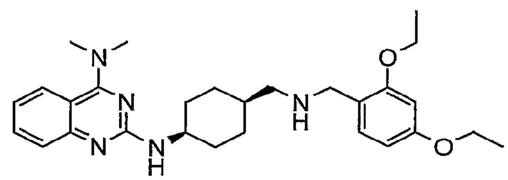
 ,

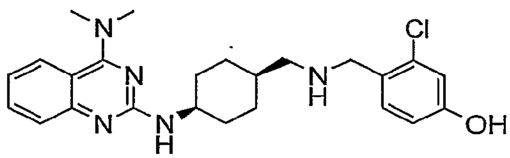
 ,

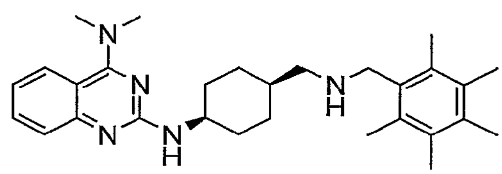
 ,

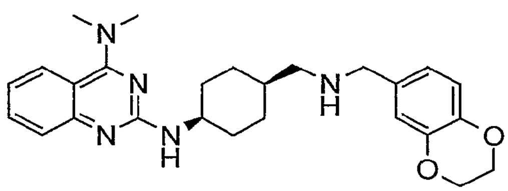
 ,

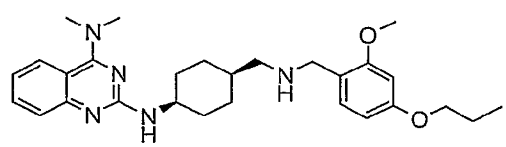
 ,

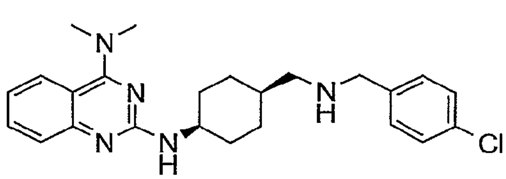
 ,

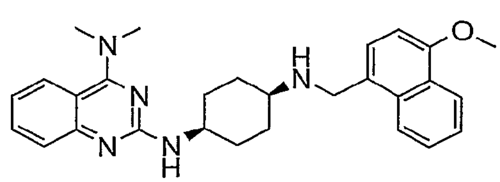
 ,

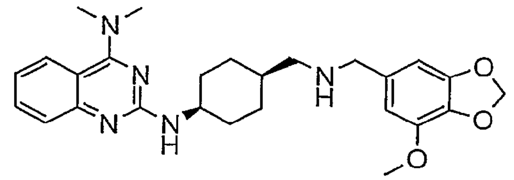
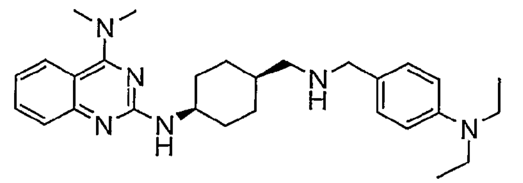
 ,

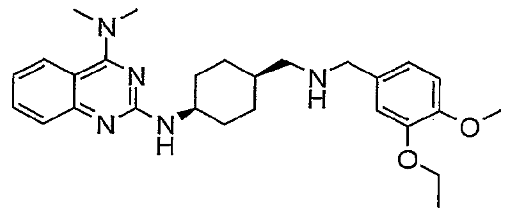
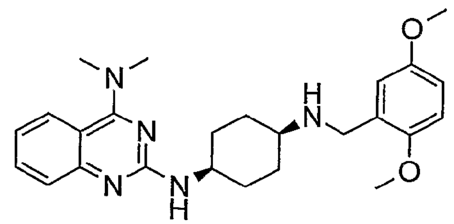
 ,

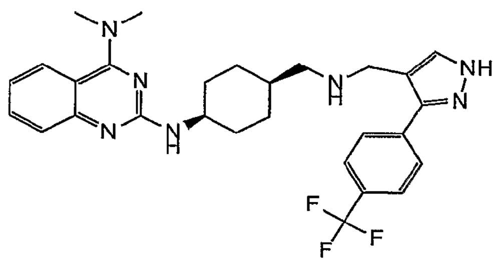
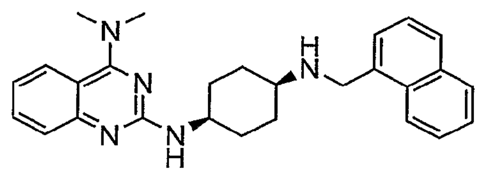
 ,

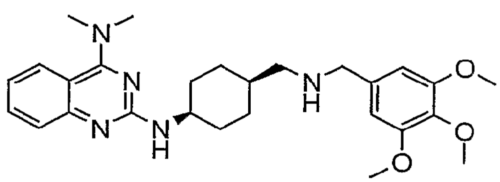
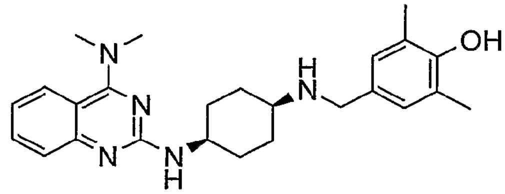
 ,

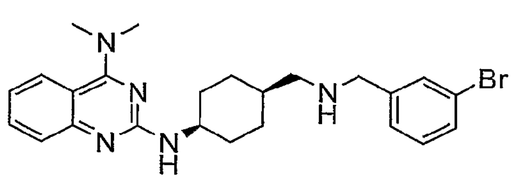
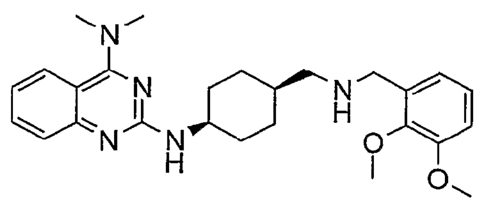
 ,

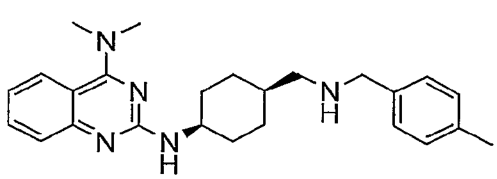
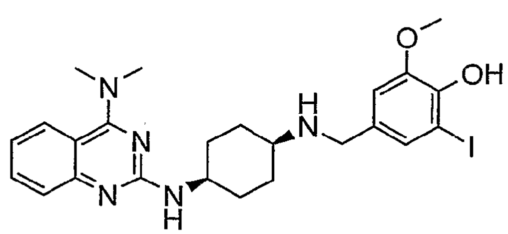
 ,  ,

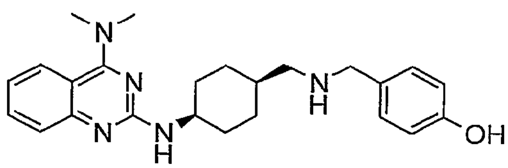
 ,  ,

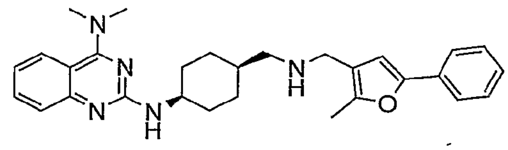
 ,  ,

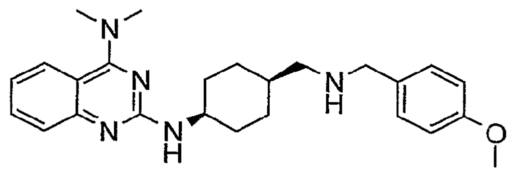
 ,  ,

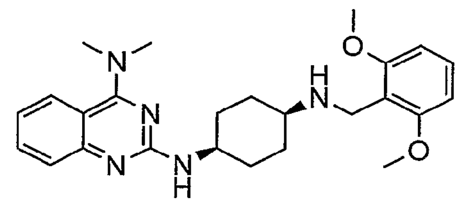
 ,  ,

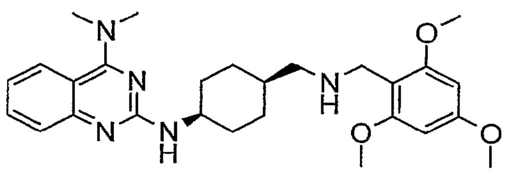
 ,  ,

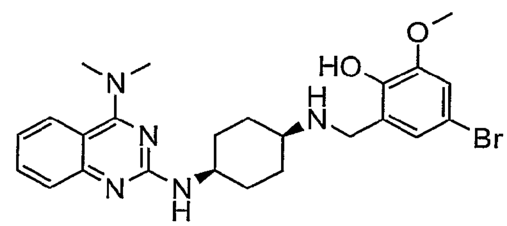
 ,

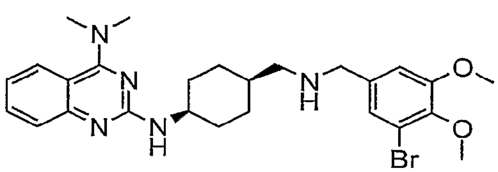
 ,

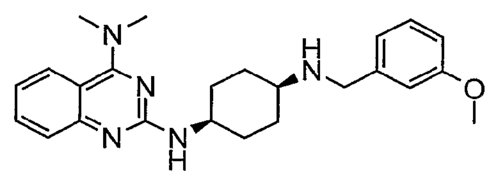
 ,

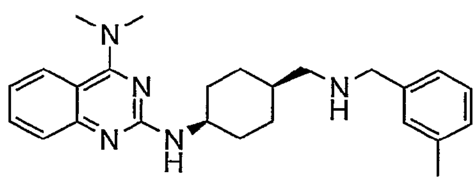
 ,

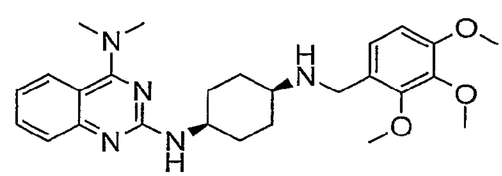
 ,

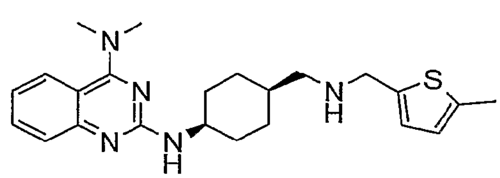
 ,

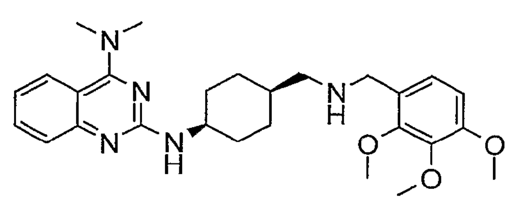
 ,

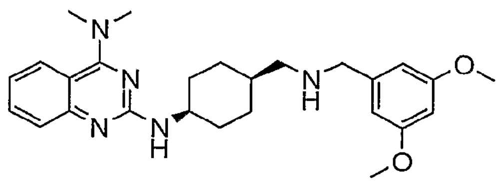
 ,

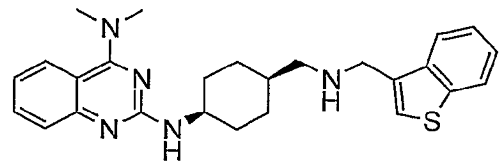
 ,

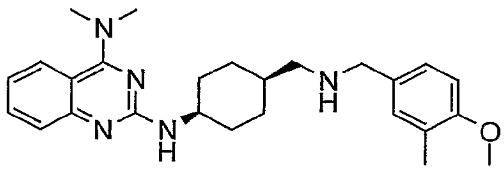
 ,

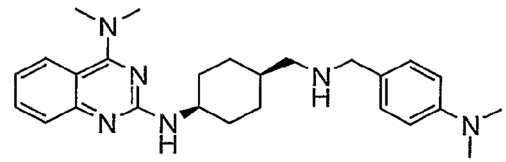
 ,

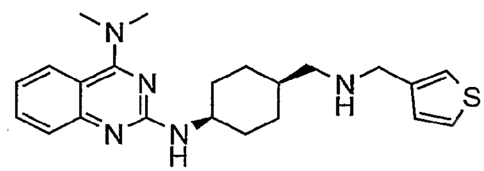
 ,

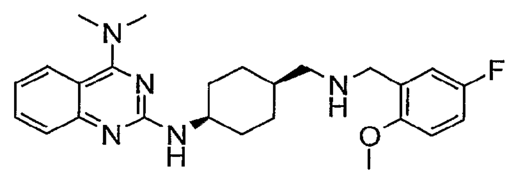
 ,

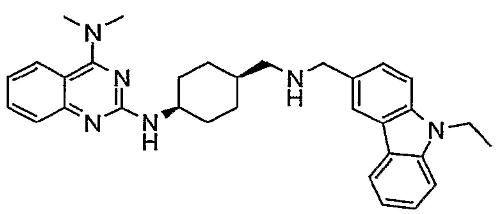
 ,

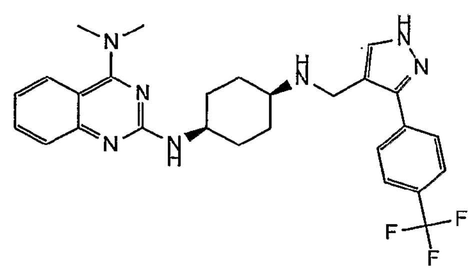
 ,

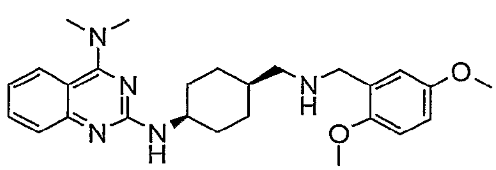
 ,

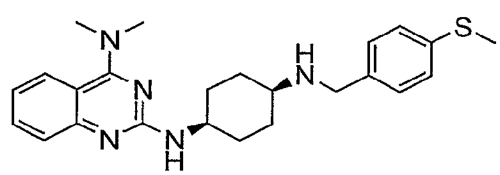
 ,

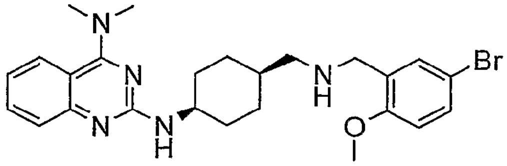
 ,

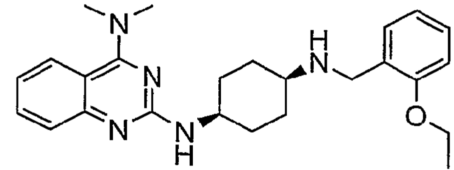
 ,

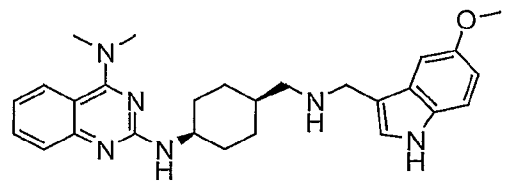
 ,

 ,

 ,

 ,

 ,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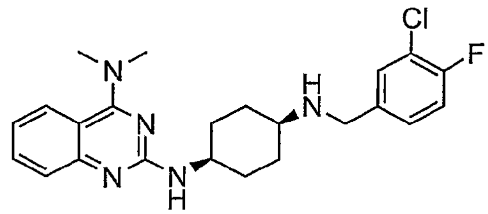
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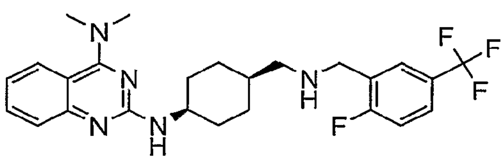
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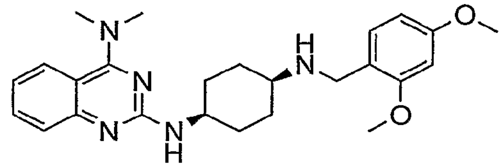
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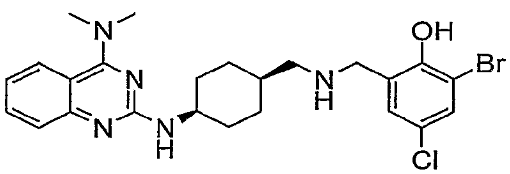
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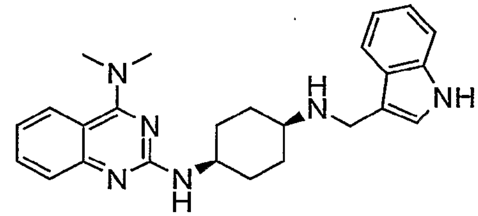
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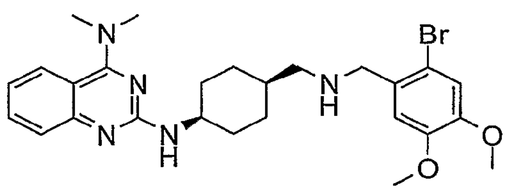
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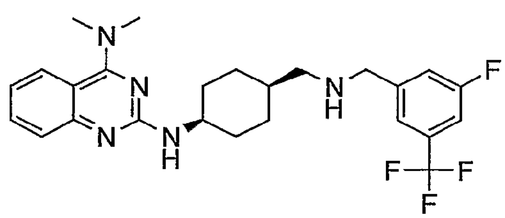
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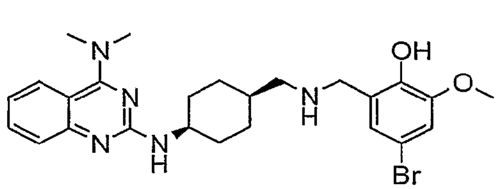
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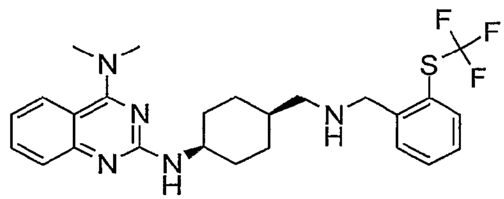
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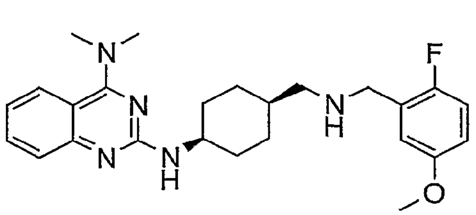
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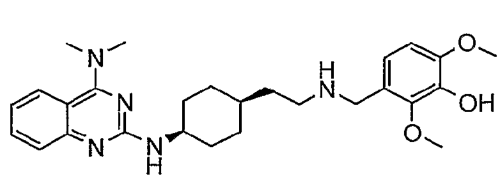
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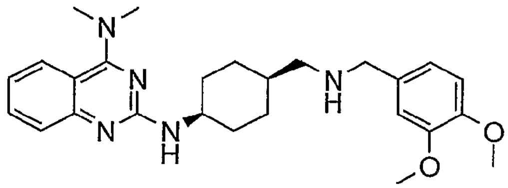
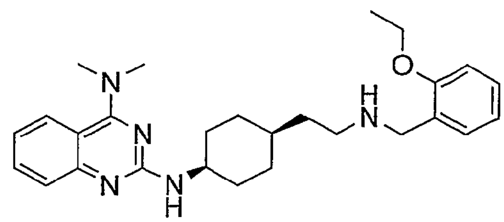
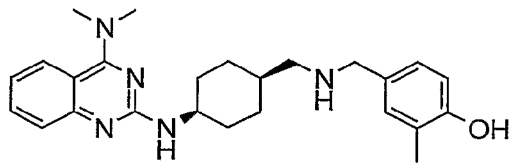
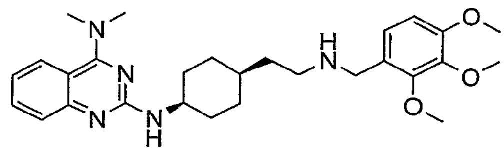
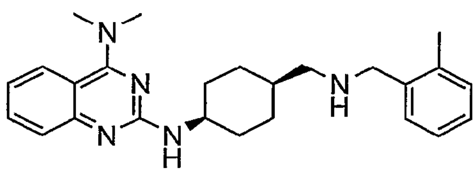
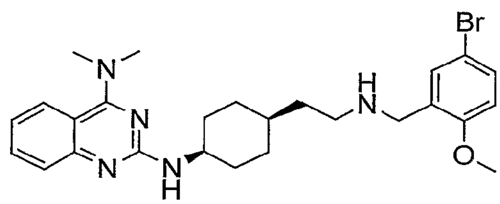
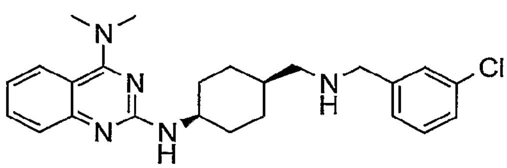
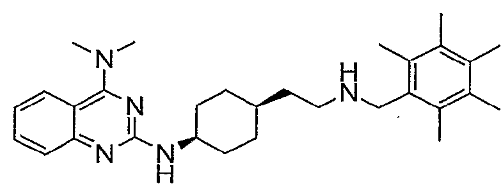
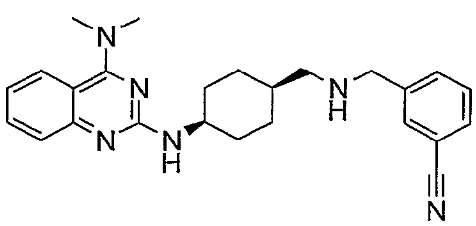
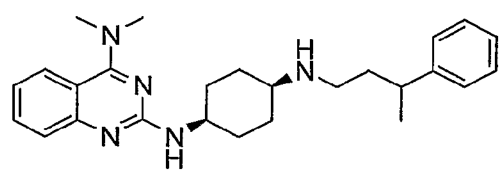
 ,  ,

 ,  ,

 ,  ,

 ,  ,

 , and 

; or, in case of, a salt thereof.

14. A compound according to claim 1, wherein Q is Fomura II;

R_1 represents

(i) C_1-C_{16} alkyl,

C_1-C_{16} alkyl substituted by substituent(s) independently selected from

•halogen,

•carbocyclyl,

•carbocyclic aryl,

•carbocyclic aryl substituted by substituent(s) independently selected from

••halogen,

••nitro,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

••C_1-C_3 alkoxy,

••halogenated C_1-C_3 alkoxy,

(ii) C_2-C_3 alkenyl,

C_2-C_3 alkenyl substituted by carbocyclic aryl,

(iii) carbocyclic aryl,

carbocyclic aryl substituted by substituent(s) independently selected from

•halogen,

•cyano,

•nitro,

•C_1-C_5 alkyl,

•C_1-C_5 alkyl substituted by substituent(s) independently selected from

••halogen,

••oxo,

•C_2-C_3 alkenyl,

•C_1-C_4 alkoxy,

•C_1-C_4 alkoxy substituted by substituent(s) independently selected from

••halogen,

••heterocyclyl,

••halogenated heterocyclyl,

•carbocyclic aryloxy,

•carbocyclic aryloxy substituted by substituent(s) independently selected from

••halogen,

••nitro,

•heterocyclyloxy,

•heterocyclyloxy substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl,

•C_1-C_3 alkoxycarbonyl,

•mono- or di-C_1-C_4 alkylamino,

•C_1-C_3 alkylcarbonylamino,

•carbocyclic aryl diazo,

•carbocyclic aryl diazo substituted by mono- or di- C_1-C_3 alkylamino,

•C_1-C_3 alkylsulfonyl,

•carbocyclic aryl,

(iv) heterocyclyl,

or heterocyclyl substituted by substituent(s) independently selected from

•halogen,

•C_1-C_3 alkyl,

•C_1-C_3 alkyl substituted by substituent(s) independently selected from

••halogen,

••oxo,

••carbocyclic arylcarbonylamino,

••halogenated carbocyclic arylcarbonylamino,

••heterocyclyl,

••heterocyclyl substituted by substituent(s) independently selected from

•••halogen,

•••C_1-C_3 alkyl,

•••halogenated C_1-C_3 alkyl,

•C_1-C_3 alkoxy,

•C_1-C_3 alkylcarbonylamino,

•carbocyclic arylsulfonyl,

•C_1-C_3 alkoxycarbonyl,

•carbocyclic aryl,

•halogenated carbocyclic aryl,

•heterocyclyl,

•heterocyclyl substituted by substituent(s) independently selected from

••halogen,

••C_1-C_3 alkyl,

••halogenated C_1-C_3 alkyl;

Y is -$S(O)_2$-;

wherein carbocyclic aryl is phenyl , biphenyl, or naphthyl;

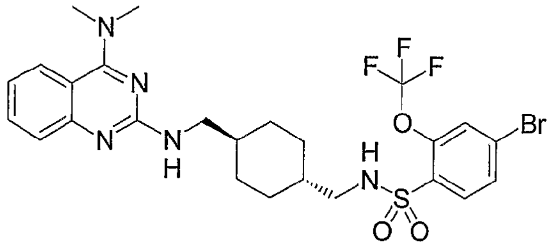
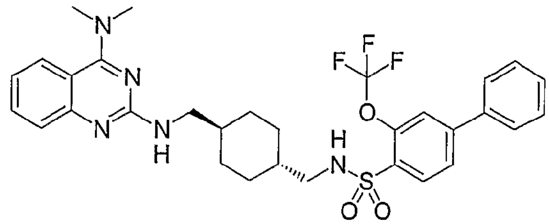
carbocyclyl is 7,7-dimethyl-2-oxo-bicyclo[2.2.1]heptyl;

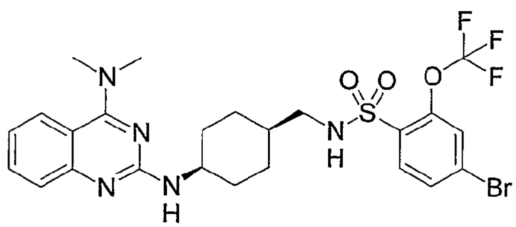
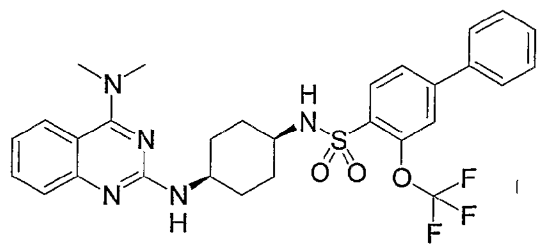
heterocyclyl is 1,2,3,4-tetrahydro-isoquinolyl, 1,2,3-thiadiazolyl, 1*H*-pyrrolyl, benzo[2,1,3]oxadiazolyl, benzo[b]thienyl, furyl, imidazolyl, isoxazolyl, pyrazolyl, pyridyl, quinolyl, thiazolyl, or thienyl;

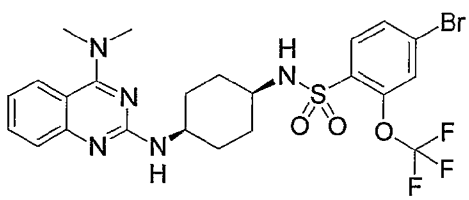
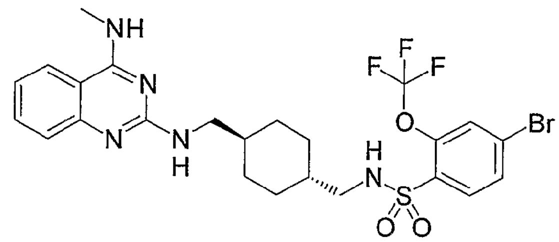
halogen is fluoro, chloro, bromo, or iodo;

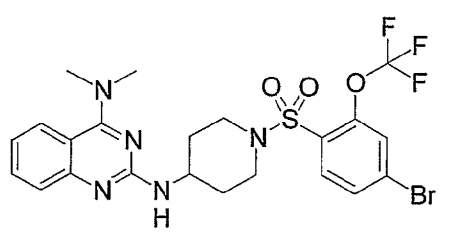
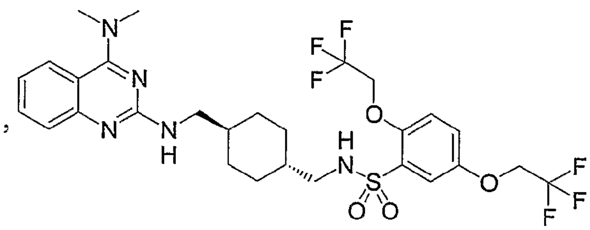
or a salt thereof.

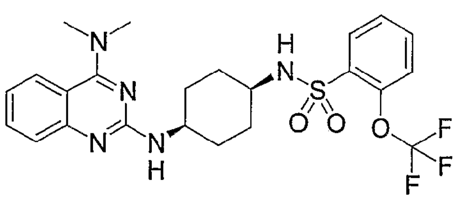
15. A compound according to claim 14 of Formua I selected from the group consisting of

 ,  ,

 ,  ,

 ,  ,

 ,  ,

and 

; or, in case of, a salt thereof.

16. A compound according to claim 1, wherein Q is Fomura II;
R_1 is selected from H, -$CO_2{}^t$Bu, or -CO_2Bn (Bn is a benzyl group);
R_2 is methylamino or dimethylamino;
L is selected from Formula XX - XXII;
Y is a single bond;
or a salt thereof.

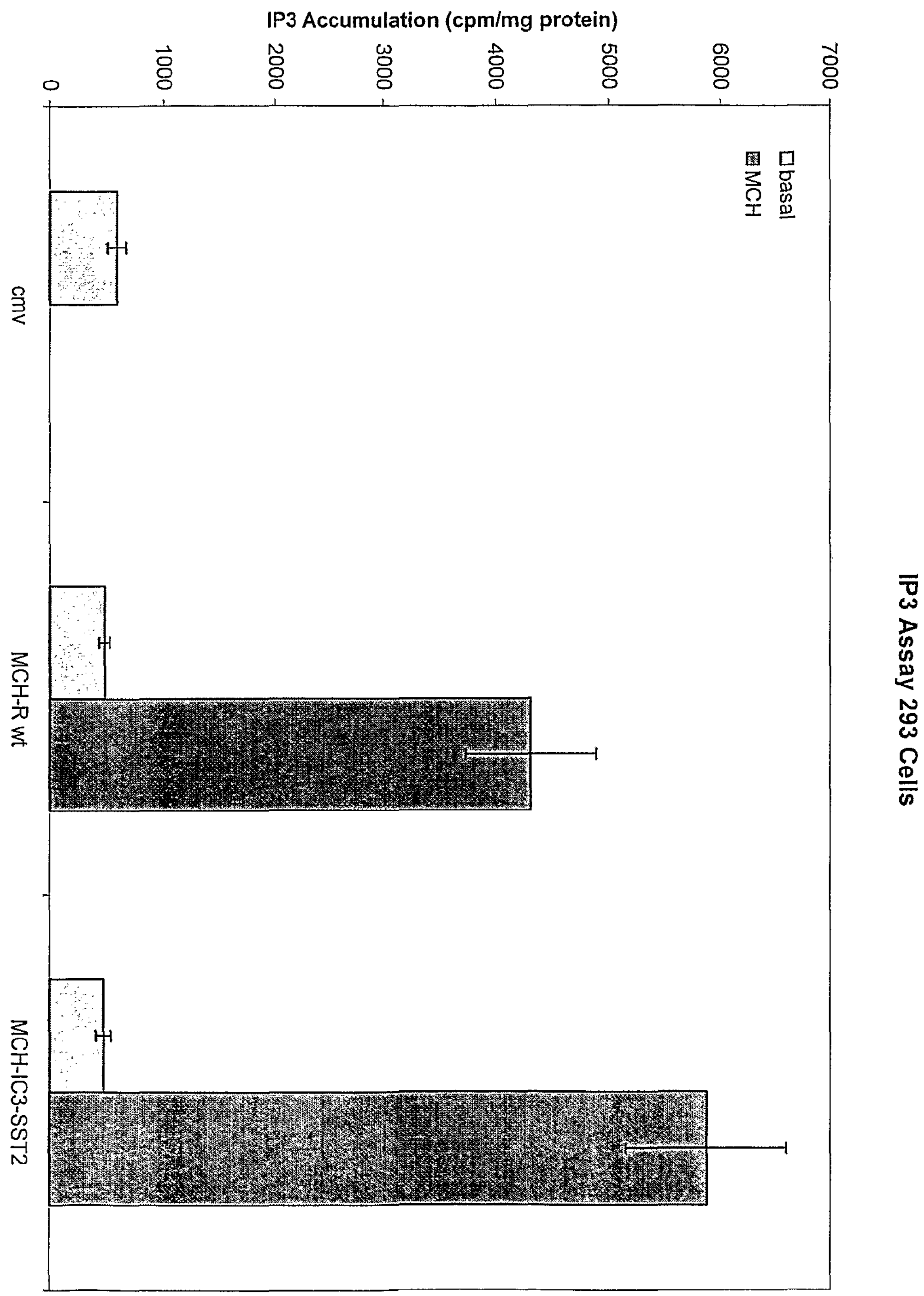
17. A method for modulating the G-protein receptor, SLC-1, comprising the step of contacting said SLC-1 with a MCH receptor antagonist.

18. A method for modulating the G-protein receptor, SLC-1, comprising the step of contacting said SLC-1 with a compound of claims 1-16.

19. The method of prophylaxis or treatment of obesity, obesity related disorders, anxiety, or depression in mammals in need of such treatment comprising administering to the mammal a therapeutically effective amount of a compound having the composition of any of claims 1-16.

20. A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound having the composition of any of claims 1-16.

Fig. 1


IP3 Assay 293 Cells
IP3 Accumulation (cpm/mg protein)
0
1000
2000
3000
4000
5000
6000
7000
basal
MCH
cmv
MCH-R wt
MCH-IC3-SST2

SEQUENCE LISTING

<110> Arena Pharmaceuticals, Inc.

<120> MCH Receptor Antagonists

<130> AREN-0238

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<170> PatentIn version 3.0

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Thr Ile Cys Leu Leu Gly Ile Ile Gly Asn Ser Thr Val Ile Phe Ala
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Val Val Lys Lys Ser Lys Leu His Trp Cys Asn Asn Val Pro Asp Ile
65                  70                  75                  80

Phe Ile Ile Asn Leu Ser Val Val Asp Leu Leu Phe Leu Leu Gly Met
                85                  90                  95

Pro Phe Met Ile His Gln Leu Met Gly Asn Gly Val Trp His Phe Gly
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Glu Thr Met Cys Thr Leu Ile Thr Ala Met Asp Ala Asn Ser Gln Phe
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Thr Ser Thr Tyr Ile Leu Thr Ala Met Ala Ile Asp Arg Tyr Leu Ala
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Thr Leu Val Ile Cys Leu Leu Trp Ala Leu Ser Phe Ile Ser Ile Thr
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Pro Val Trp Leu Tyr Ala Arg Leu Ile Pro Phe Pro Gly Gly Ala Val
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Gly Cys Gly Ile Arg Leu Pro Asn Pro Asp Thr Asp Leu Tyr Trp Phe
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Thr Leu Tyr Gln Phe Phe Leu Ala Phe Ala Leu Pro Phe Val Val Ile
    210                 215                 220

Thr Ala Ala Tyr Val Arg Ile Leu Gln Lys Val Lys Ser Ser Gly Ile
225                 230                 235                 240

Arg Val Gly Ser Ser Lys Arg Lys Lys Ser Glu Lys Lys Val Thr Arg
                245                 250                 255

Thr Ala Ile Ala Ile Cys Leu Val Phe Phe Val Cys Trp Ala Pro Tyr
            260                 265                 270

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Arg Leu Val Leu Ser Val Lys Pro Ala Ala Gln Gly Gln Leu Arg Ala
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Thr Tyr Phe Pro Cys His Pro Ala His Leu Gln Val Arg Ala Pro Gln
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His Ala Thr Gly Arg Asp Ala Glu Lys Asn Pro Arg Pro Leu Gly Lys
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Cys Arg Lys Ala Gly Leu Gly Val Val Ala Met Lys Ile His Ser Met
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Gly Ser His Val Ala Gly Glu Ala Trp Ser Gln Val Trp Gly Phe Gln
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Thr Ile Cys Leu Leu Gly Ile Ile Gly Asn Ser Thr Val Ile Phe Ala
50 55 60

Val Val Lys Lys Ser Lys Leu His Trp Cys Asn Asn Val Pro Asp Ile
65 70 75 80

Phe Ile Ile Asn Leu Ser Val Val Asp Leu Leu Phe Leu Leu Gly Met
85 90 95

Pro Phe Met Ile His Gln Leu Met Gly Asn Gly Val Trp His Phe Gly
100 105 110

Glu Thr Met Cys Thr Leu Ile Thr Ala Met Asp Ala Asn Ser Gln Phe
115 120 125

Thr Ser Thr Tyr Ile Leu Thr Ala Met Ala Ile Asp Arg Tyr Leu Ala
130 135 140

Thr Val His Pro Ile Ser Ser Thr Lys Phe Arg Lys Pro Ser Val Ala
145 150 155 160

Thr Leu Val Ile Cys Leu Leu Trp Ala Leu Ser Phe Ile Ser Ile Thr
165 170 175

Pro Val Trp Leu Tyr Ala Arg Leu Ile Pro Phe Pro Gly Gly Ala Val
180 185 190

Gly Cys Gly Ile Arg Leu Pro Asn Pro Asp Thr Asp Leu Tyr Trp Phe
195 200 205

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Thr Leu Tyr Gln Phe Phe Leu Ala Phe Ala Leu Pro Phe Val Val Ile
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Thr Ala Ala Tyr Val Arg Ile Leu Gln Arg Met Thr Ser Ser Val Ala
225                 230                 235                 240

Pro Ala Ser Gln Arg Ser Ile Arg Leu Arg Thr Lys Arg Val Thr Arg
                245                 250                 255

Thr Ala Ile Ala Ile Cys Leu Val Phe Phe Val Cys Trp Ala Pro Tyr
            260                 265                 270

Tyr Val Leu Gln Leu Thr Gln Leu Ser Ile Ser Arg Pro Thr Leu Thr
        275                 280                 285

Phe Val Tyr Leu Tyr Asn Ala Ala Ile Ser Leu Gly Tyr Ala Asn Ser
    290                 295                 300

Cys Leu Asn Pro Phe Val Tyr Ile Val Leu Cys Glu Thr Phe Arg Lys
305                 310                 315                 320

Arg Leu Val Leu Ser Val Lys Pro Ala Ala Gln Gly Gln Leu Arg Ala
                325                 330                 335

Val Ser Asn Ala Gln Thr Ala Asp Glu Glu Arg Thr Glu Ser Lys Gly
            340                 345                 350

Thr Ser Arg Met Gly Cys Thr Leu Ser Ala Glu Asp Lys Ala Ala Val
        355                 360                 365

Glu Arg Ser Lys Met Ile Asp Arg Asn Leu Arg Glu Asp Gly Glu Lys
    370                 375                 380

Ala Ala Arg Glu Val Lys Leu Leu Leu Leu Gly Ala Gly Glu Ser Gly
385                 390                 395                 400

Lys Ser Thr Ile Val Lys Gln Met Lys Ile Ile His Glu Ala Gly Tyr
                405                 410                 415

Ser Glu Glu Glu Cys Lys Gln Tyr Lys Ala Val Val Tyr Ser Asn Thr
            420                 425                 430

Ile Gln Ser Ile Ile Ala Ile Ile Arg Ala Met Gly Arg Leu Lys Ile
        435                 440                 445

Asp Phe Gly Asp Ala Ala Arg Ala Asp Asp Ala Arg Gln Leu Phe Val
    450                 455                 460

Leu Ala Gly Ala Ala Glu Glu Gly Phe Met Thr Ala Glu Leu Ala Gly
465                 470                 475                 480

Val Ile Lys Arg Leu Trp Lys Asp Ser Gly Val Gln Ala Cys Phe Asn
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Arg Ser Arg Glu Tyr Gln Leu Asn Asp Ser Ala Ala Tyr Tyr Leu Asn
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Val Leu Arg Thr Arg Val Lys Thr Thr Gly Ile Val Glu Thr His Phe
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Thr Phe Lys Asp Leu His Phe Lys Met Phe Asp Val Gly Gly Gln Arg
545 550 555 560

Ser Glu Arg Lys Lys Trp Ile His Cys Phe Glu Gly Val Thr Ala Ile
565 570 575

Ile Phe Cys Val Ala Leu Ser Asp Tyr Asp Leu Val Leu Ala Glu Asp
580 585 590

Glu Glu Met Asn Arg Met His Glu Ser Met Lys Leu Phe Asp Ser Ile
595 600 605

Cys Asn Asn Lys Trp Phe Thr Asp Thr Ser Ile Ile Leu Phe Leu Asn
610 615 620

Lys Lys Asp Leu Phe Glu Glu Lys Ile Lys Lys Ser Pro Leu Thr Ile
625 630 635 640

Cys Tyr Pro Glu Tyr Ala Gly Ser Asn Thr Tyr Glu Glu Ala Ala Ala
645 650 655

Tyr Ile Gln Cys Gln Phe Glu Asp Leu Asn Lys Arg Lys Asp Thr Lys
660 665 670

Glu Ile Tyr Thr His Phe Thr Cys Ala Thr Asp Thr Lys Asn Val Gln
675 680 685

Phe Val Phe Asp Ala Val Thr Asp Val Ile Ile Lys Asn Asn Leu Lys
690 695 700

Asp Cys Gly Leu Phe
705